COPY

DEPARTMENT OF CONSERVATION

DIVISION OF MINERALS

PERMIT TO PLUG, SIDETRACK, PERFORATE OR ABANDON WELL

Lake Charles, La.

NEW ORLEANS, LA, 3-16- 1938

NAME Shell Pet. Corp.

ADDRESS Iowa, La.

Permit sent to

LOCATION OF WELL 440' out of SW cor. of SE ¼ of Sec. 18

In feet from section corner

Sec 18, T 11S, R 5W (Calcasieu Parish)

In accordance with the rules and regulations of the Department of Conservation, you are hereby authorized to plug & abandon

(Abandon Plug Sidetrack or Perforate)

Well Calcasieu Marine Nat'l. Bank, No 1,

(Name)

referred to under permit No 20853 dated 3-16- 1938

NOTE —

Three typewritten copies of each log of each well drilled or deepened made out on forms of the Department of Conservation must be furnished the Department not later than ten days after completion of any all such well or wells

No 8-M

STATE OF LOUISIANA

DEPARTMENT OF CONSERVATION

C. M. Fontenot — Agent in charge.

C. E. Morrow — Director Division of Minerals

DEPARTMENT OF CONSERVATION

20853 Depth 9073 Elev. Approx 24

Farm CALCASIEU MARINE NAT'L. BANK Well No. 1 Log

Operator 1. Shell petroleum Corp 2.

Location 440' out of SW Corner of SE 1/4 of Sec. 18

Sec. 18 Tp. 11S R. 5 W.

Parish Calcsieu Permit issued 1-17 193 8

Commenced 1/14/38 193 Completed 3/14/38 193

Sands 9040 to 9059 Gas

to

to

Water Sands 9059 to 9073 SW

to

to

Init Prod. aband bbl

Gas cu ft

Casing 16" 80 ft.

10¾" 2502

Remarks Permit to plug & abandon issued 3/16/38 by L C office

Cored From Depth

To Depth

Liner - Perf.

" Blank

Aban. 3/16/38 193

9-M DRLG. CONTRACTOR: COMPANY TOOLS.

Form No 10 M

25340

~~Hays (WC)~~

W.C

DIVISION OF MINERALS
DEPARTMENT OF CONSERVATION

Application for Permit to Drill

Permit Serial No _____

Date December 16, 1940

Parish Calcasieu (Hayes District)

Farm Calcasieu Natl. Bank Well No 1

Sec 18 T 11-S R 5-W

Land Owner Calcasieu National Bank

Owner of Well Gulf Refg. Co-Gulf Prod. Div.

Address P.O. Drawer 2100, Houston Texas.

Drilling Contractor _____

Address _____

Oil, Gas, Sulphur, Salt or Test Well _____

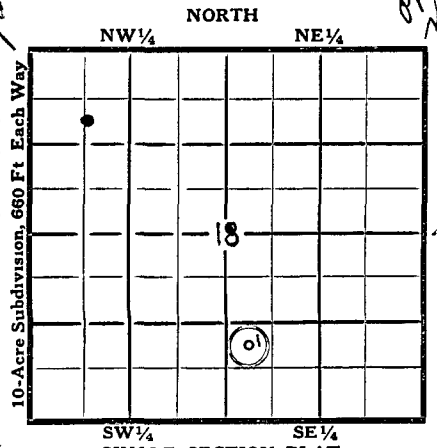
Location of Well (giving distances and directions from some Section corner or quarter section corner

330' each way out of the N.W. cor. of the SW/4 of the SE/4 of Sec. 18, in Twp. 11 S., Rng. 5 W.

Send Permit to J. H. Tucker
Name

P.O. Drawer 2100, Houston, Texas.
Address

(OVER)



SINGLE SECTION PLAT
640 Acres
Mark Well Accurately on Section Plat Shown Above

Permit No. 8233 = 17/30/40

170190 1243

Permit #8233 COPY ✓ $50 00

DEPARTMENT OF CONSERVATION
DIVISION OF MINERALS
PERMIT TO DRILL FOR MINERALS

NEW ORLEANS, LA, 12/30 19 40

NAME Gulf Refining Co., Gulf Prod. Div.,

ADDRESS P. O. Drawer #2100, Houston, Texas.

LOCATION OF WELL

330' Each Way out of NW. Cor. of SW¼ of SE¼

of Sec 18, T 11 S, R 5 W (Calcasieu Parish)

In accordance with the provisions of Act 131 of 1934, and the rules and regulations of the Department of Conservation, State of Louisiana, you are hereby authorized to drill Calcasieu Nat'l. Bank Well No 1, referred to under application bearing serial No. 25340, dated 12/16 19 40.

Unless actual drilling is begun within ninety (90) days from date of this permit, same will become null and void

This permit must be signed by the Director of the Division of Minerals and countersigned by the Chief Clerk of said Division

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION

JOHN J. METZGER, JR.,
Director Division of Minerals

A. A. Massicot
Chief Clerk Division of Minerals

Drilling Contractor

Form No 7-M

15M 11 39 M13 697Z34(2)

Gulf

277

STATE OF LOUISIANA
DEPARTMENT OF MINERALS

WORK PERMIT

PERMIT TO Squeeze DATE 6-30-41

COMPANY Gulf Refg. Co., Gulf Prod. Div.

ADDRESS Box 2, Evangeline, La.

WELL NAME AND NO Cal.Natl. Bank # 1 SEC 18 T. 11S R. 5W

LOCATION 330' Each way out of NW Cor. of SW ¼ of SE ¼ of Sec. 18

FIELD Hays PARISH Calcasieu

YOU ARE HEREBY AUTHORIZED TO squeeze - 7899' 698 sks. cmt.

WELL PERMIT SERIAL NO 25340 WORK PERMIT NO 277

AUTHORIZED BY D. D. Gooch, Manager. Lake Charles.

District Office

Form DM-4
10M 3 41 8150

302

STATE OF LOUISIANA
DEPARTMENT OF MINERALS

WORK PERMIT

PERMIT TO perforate & squeeze DATE 7-17-41

COMPANY Gulf Refining Co.

ADDRESS Evangeline, La.

WELL NAME AND NO Cal.Natl. Bank # 1 SEC 18 T 11S R. 5W

LOCATION 330' each way out of NW Cor. of SW ¼ of SE ¼

FIELD Hays PARISH Calcasieu

YOU ARE HEREBY AUTHORIZED TO perforate 10,527-10,529' w/8 shots and squeeze w/500 sks. cmt.

WELL PERMIT SERIAL NO 25340 WORK PERMIT NO 302

AUTHORIZED BY D. D. Gooch, Manager, Lake Charles District.

District Office

Form DM 4
10M 3 41 8150

SCHLUMBERGER

WELL SURVEYING CORPORATION

Location of Well
300' S & E of NW corn.
SW¼ SE¼ SEC.18-11S-5W

RECEIVED
SEP 17 1941
DEPARTMENT OF MINERALS
LAKE CHARLES

Elevation: 25340 (B)

COMPANY: GULF REFINING CO.
WELL: Calcasieu Nat'l Bank #1
RUN NO.: Four (4) 25340
FIELD: HAYES
SURVEY: SEC.18-11S-5W
COUNTY: CALCASIEU
STATE: LOUISIANA
FILING No. 1-63

COUNTY: CALCASIEU PARISH
FIELD OR SURVEY: HAYES, La.
WELL: Calcasieu Bank #1
RUN #4
COMPANY: GULF REFG. CO.

First Reading		: 10469 ft.
Last Reading		: 9692 ft.
Footage Measured		: 777 ft.
Casing Shoe Depth:	DRILLER	: 9200 ft.
	SCHLUMBERGER	: 9200 ft.
Bottom Depth	DRILLER	: 10472 ft.
Max. depth reached		: 10469 ft.

DIAMETER OF HOLE

from 9692 to btm : 6 5/8".
from ..... to ..... : .....
from ..... to ..... : .....
Bottom Temperature: ..... °F

MUD CHARACTERISTICS

Nature: Chemicals
Weight: 17.
Viscosity: 42
Resistivity: 2.4 @ 78 °F

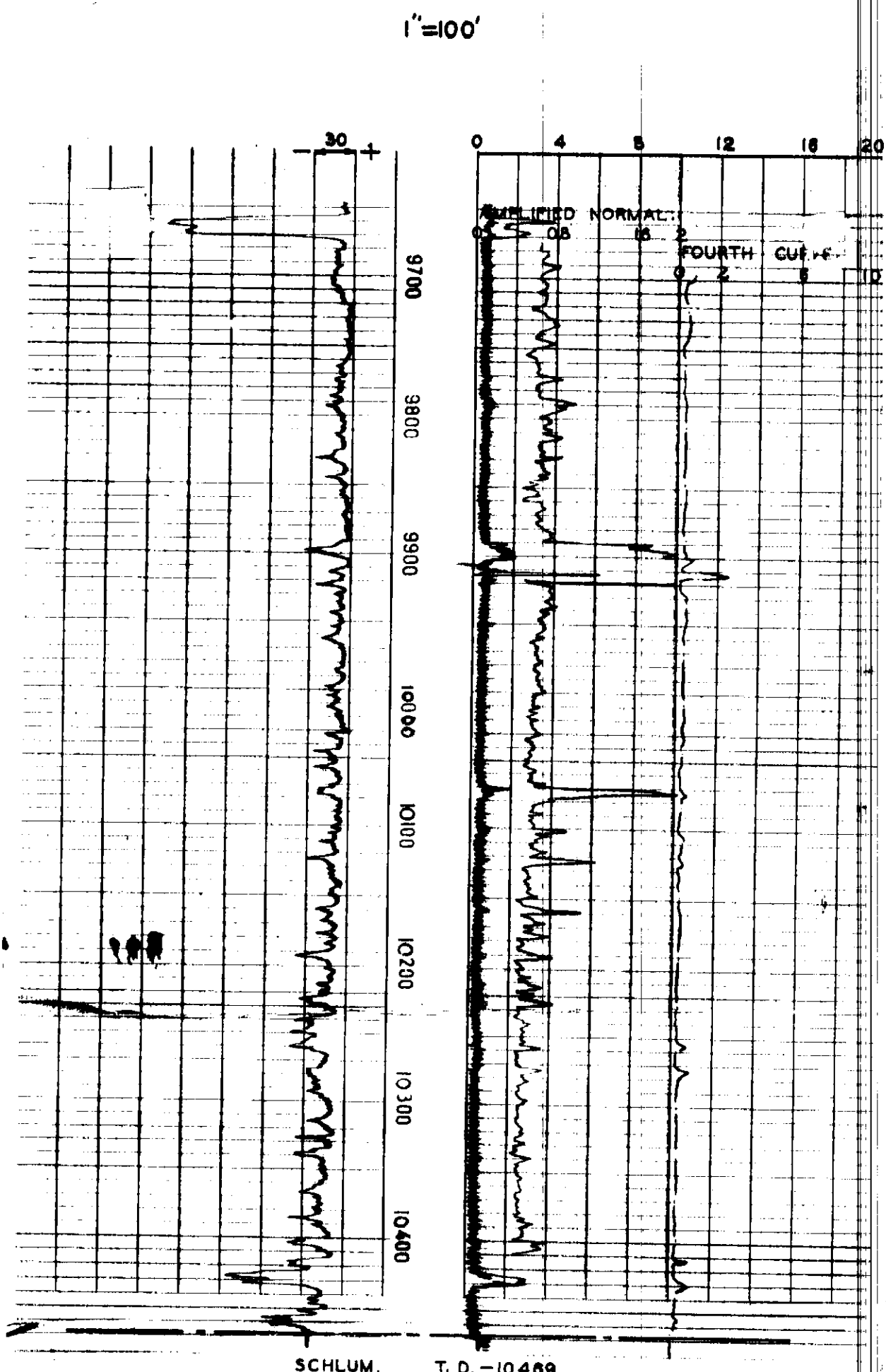
REMARKS

10547 25340 16

LSN05471600000025340

DATE May 11, 1941 OBSERVERS H. C. Brand

SELF-POTENTIAL | RESISTIVITY -ohms. m'm.



SCHLUMBERGER

WELL SURVEYING CORPORATION

Location of Well
330'S & E of NW cor.
SW ¼ SE¼ Sec.18-11s-5w.

RECEIVED
SEP 17 1941
DEPARTMENT OF MINERALS
LAKE CHARLES

Elevation:

COMPANY: GULF REFINING CO.

WELL: CALCASIEU NAT'L.BANK #1

RUN NO.: THREE 25340

FIELD: HAYES

SURVEY: Sec.18-11s-5w.

COUNTY: CALCASIEU

STATE: LOUISIANA

FILING No. L-83

COUNTY: CALCASIEU
FIELD OR SURVEY: HAYES
WELL: CALCASIEU NAT'L.BANK #1
RUN # 3
COMPANY: GULF REFINING CO.

First Reading		: 9692 ft.
Last Reading		: 9200 ft.
Footage Measured		: 492 ft.
Casing Shoe Depth:	DRILLER	: 9200 ft.
	SCHLUMBERGER	: 9200 ft.
Bottom Depth	DRILLER	: 9696 ft.
Max. depth reached		: 9692 ft.

DIAMETER OF HOLE

from sfc. to btm. : 8 5/8"
from ..... to ..... :
from ..... to ..... :
Bottom Temperature: 164 °F

MUD CHARACTERISTICS

Nature: Barytes
Weight: 15
Viscosity: 49
Resistivity: 1.7 @ 62 °F

REMARKS

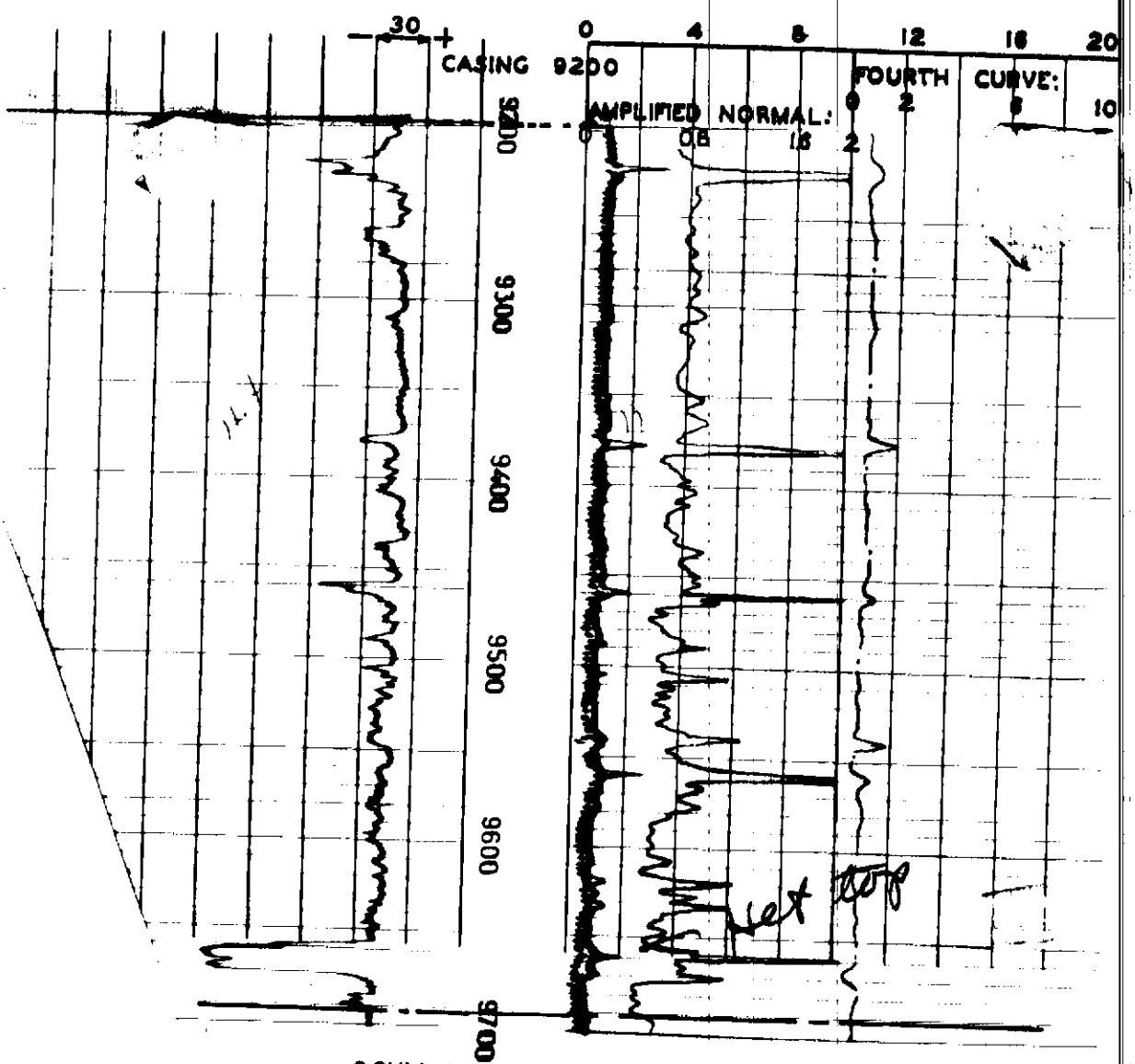
10,547 25340 14

LSN0547140000025340

DATE April 15, 1941 OBSERVERS J.E. Armstrong

SELF-POTENTIAL	DEPTHS	RESISTIVITY -ohms. m'm.
millivolts		NORMAL CURVE ---- THIRD CURVE

1" = 100'



SCHLUM. T.D. 9692
DRILLER'S T.D. 9696

SCHLUMBERGER

WELL SURVEYING CORPORATION

Location of Well
330' S & E of NW cor. SW¼ SE¼ Sec. 18-11s-5w.

RECEIVED SEP 17 1941 DEPARTMENT OF MINERALS LAKE CHARLES

25340

Elevation:

COMPANY: GULF REFINING COMPANY
WELL: CALCASIEU NAT. BANK # 1
RUN NO.: 2 23340
FIELD: HAYES PROSPECT
SURVEY: SEC. 18- 11s-5w
COUNTY: CALCASIEU
STATE: LOUISIANA
FILING No. L-83

COUNTY: CALCASIEU PARISH
FIELD OR SURVEY: Hayes, La.
WELL: Calcasieu Ntl Bank #1
COMPANY: Gulf Refg. Co.

First Reading		: 9200 ft.
Last Reading		: 8853 ft.
Footage Measured		: 347 ft.
Casing Shoe Depth:	DRILLER	: 1849 ft.
	SCHLUMBERGER	: ft.
Bottom Depth	DRILLER	: 9200 ft.
Max. depth reached		: 9200 ft.

DIAMETER OF HOLE

from Csg. to Bttm. : 12 ¼"
from to :
from to :
Bottom Temperature: 192 °F

MUD CHARACTERISTICS

Nature: Magna White & Baryte
Weight: 11.0
Viscosity: 44
Resistivity: 4.5 @ °F

REMARKS

10,547 25340 15

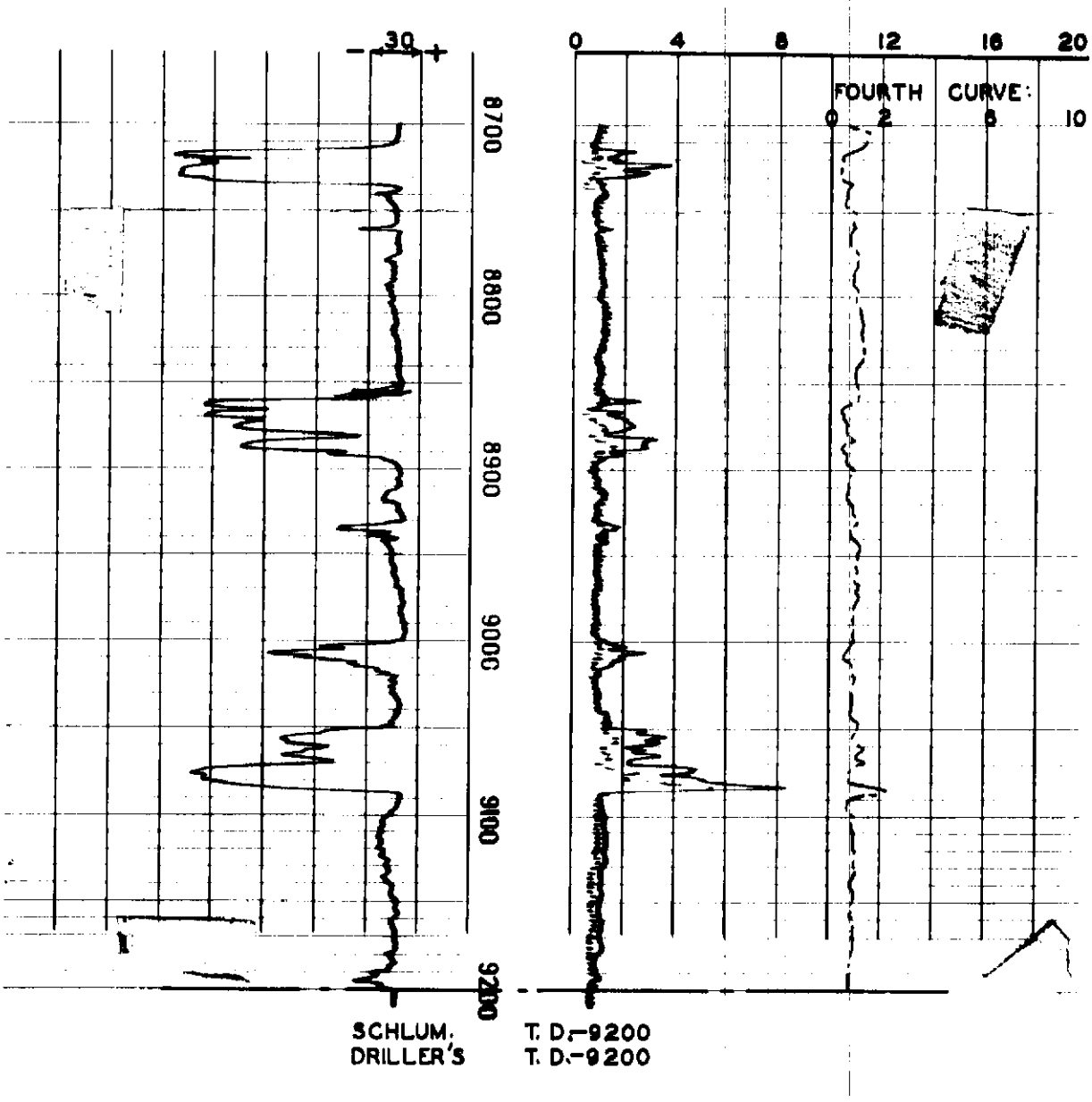
LSN05471500000025340

LA. GEOLOGICAL SURVEY

DATE March 20, 1941 OBSERVERS H.S. Fogely

SELF-POTENTIAL	DEPTH	RESISTIVITY -ohms. m'm.

1"=100'



SCHLUMBERGER

WELL SURVEYING CORPORATION

Location of Well

RECEIVED
SEP 17 1968
Division of Water Resources

COMPANY: [illegible]
WELL: [illegible]
RUN NO.: 1 [illegible] 25340
FIELD: [illegible]
SURVEY: [illegible]
COUNTY: [illegible]
STATE: [illegible]
FILING No.: [illegible]

First Reading	[illegible]	ft.
Last Reading	[illegible]	ft.
Footage Measured	[illegible]	ft.
Casing Shoe Depth	[illegible]	ft.
Bottom Depth	[illegible]	ft.
Max. depth reached	[illegible]	ft.

DIAMETER OF HOLE

Size: [illegible] to [illegible] in. [illegible]
Size: [illegible] to [illegible]
Bottom Temperature: [illegible] °F

MUD CHARACTERISTICS

Nature: [illegible]
Weight: [illegible]
Viscosity: [illegible]
Resistivity: [illegible] 60 °F

REMARKS

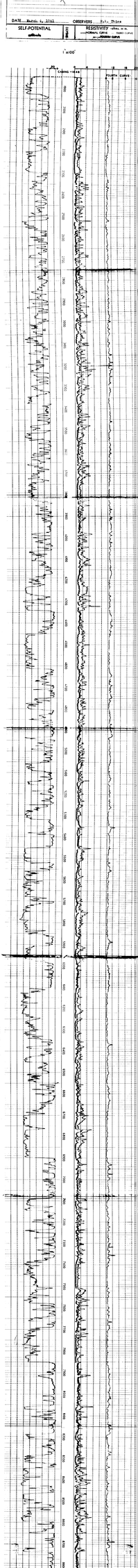
[illegible]

LA GEOLOGICAL [illegible]

DATE: March 6, 1968 OBSERVERS: [illegible]

SELF-POTENTIAL

RESISTIVITY: [illegible] NORMAL CURVE [illegible] CURVE



DISTRICT OFFICE COPY

Department of Conservation

DEPARTMENT OF MINERALS

Minerals Division

PERMIT TO DRILL FOR MINERALS

BATON ROUGE, LA., 8-4-1941

NAME Gulf Refg. Co. Gulf Prod. Div.

ADDRESS P.O. Drawer 2100 - Houston Tex.

FIELD Wildcat (Hoyer Area) PARISH Calcasieu

LOCATION OF WELL

1130' E. & 330' S. of NW Cor. of SW¼ of SE¼

of Sec. 18 T. N-S, R. S-W.

In accordance with the provisions of Act 131 of 1934, as amended by Act 78 of 1936, and the rules and regulations of the Department of Minerals, State of Louisiana, you are hereby authorized to drill Calcasieu Hoyer Bank Well No. 2 referred to under application bearing serial No. 26358 dated 8-1-1941

DRILLING CONTRACTOR

STATE OF LOUISIANA
DEPARTMENT OF MINERALS

Director, Department of Minerals

Permit Clerk

Form No. M D-13

(OVER)

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

ST - LC- # 53

WORK PERMIT

PERMIT TO Sidetrack junk DATE 2-11-42

COMPANY Gulf Refining Company

ADDRESS Box 2, Evangeline, La. (A.Simon)

WELL NAME AND NO Cal.Natl.Bank # 2 SEC. 18 T. 11S R. 5W

LOCATION 1130'E 330'S of NW Cor. of SW ¼ of SE¼

FIELD Hayes Area PARISH Calcasieu

YOU ARE HEREBY AUTHORIZED TO sidetrack junk at 10,407'

T.D. 11,784'

WELL PERMIT SERIAL NO 26358 WORK PERMIT NO ST-LC-#53

AUTHORIZED BY Frank J. Fava, Jr.,Mgr.
Lake Charles.

District Office

Form DM-4
10M 9 41 10195

Perf.-LC-#116

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

WORK PERMIT

PERMIT TO Perforate DATE 4-14-42

PARISH Calcasieu FIELD Hayes, La.

COMPANY Gulf Refining Company

ADDRESS Evangeline, Louisiana

WELL NAME Calcasieu Nat'l.Bank NO. 2 SEC. 18 T. 11S R. 5E

WELL PERMIT SERIAL NO. 26588 WORK PERMIT NO Perf.-LC-#116

LOCATION 1150' E & 330' S of NW cor. of SW¼ of SE ¼

YOU ARE HEREBY AUTHORIZED TO Perforate for Production 11660-70 w/60 shots.

TD 11,784

PERMIT REQUESTED BY Gulf Refining Company
Company Representative

AUTHORIZED BY Frank J.Fava,Jr., Mgr.
Lake Charles District.
District Office

By: _____

Form DM 4R
10M 1 42 11320

Perf.-LC-137

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

WORK PERMIT

PERMIT TO Perforate DATE 1-28-42

PARISH Calcasieu FIELD Hayes

COMPANY Gulf Refining Company

ADDRESS Houston, Texas

WELL NAME Cal. Natl. Bank NO 2 SEC 13 T 11S R 5W

WELL PERMIT SERIAL NO 26358 WORK PERMIT NO Perf.-LC-137

LOCATION 1130' E of 330'S of NW cor. of SE¼ of SW¼.

YOU ARE HEREBY AUTHORIZED TO Perforate for production 11640-11656 w/60 shots.

TD 11,784

PERMIT REQUESTED BY Gulf Ref. Co., Evangeline, La.
Company Representative

AUTHORIZED BY
Frank J. Fava, Jr., Manager
District Office
Lake Charles District.

Form DM 4R
10M 1 42 11320

Change Name of Well

DISTRICT OFFICE COPY

DE[redacted]F CONSERVATION — DIVISION OF MINERALS

[redacted]ED PERMIT TO DRILL FOR MINERALS

BATON ROUGE, LA., [illegible] 1947

PARISH [illegible] FIELD [illegible]

OPERATOR [illegible]

ADDRESS [illegible]

LOCATION OF WELL [illegible]

Sec. [illegible] R. [illegible]

You are hereby authorized to drill [illegible]

Well No. [illegible] referred to under application bearing serial No. [illegible]

dated [illegible] 194[illegible] signed by [illegible]

This well to be drilled [illegible] acre on surface area of [illegible] acres.

cancels Drilling Permit No. [illegible] Issued [illegible] 194[illegible]

DRILLING CONTRACTOR [illegible]

STATE OF LOUISIANA

DEPARTMENT OF CONSERVATION

[illegible]

Commissioner, Division of Minerals — Office Manager, Division of Minerals

Form MD-16-R

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Workover
L.C. #9

WORK PERMIT

PERMIT TO Workover DATE March 12, 1947
PARISH Calcasieu FIELD Hayes
COMPANY Gulf Refining Company - Gulf Production Div.
ADDRESS Hayes, Louisiana
WELL NAME Calcasieu National* NO 2 SEC 18 T 11S R 5W
WELL PERMIT SERIAL NO 26358 WORK PERMIT NO
LOCATION 1150' East and 330' South of Northwest Corner of Southwest Quarter of Southeast Quarter
YOU ARE HEREBY AUTHORIZED TO Kill Well and pull and reset tubing.

*Bank "D" TD 11,784'

PERMIT REQUESTED BY A. Simon
Company Representative

AUTHORIZED BY
ARSENE P. EDWARDS, District Manager
Lake Charles, District Office Louisiana

Form DM-4R

GULF REFINING COMPANY -- Calcasieu National Bank #2

Date May 23 to May 24

Time 3.00 pm to 3 pm

Tubing P. 3400

Casing P. 6 VS

Temp. flow line 102

Choke 14/64 20/64

Static 449

Differential 79"

Line 4"

Plate 2½" 2½ + 8 PD

Meter Coeff. 2296.6

Gas M. C. F. ~~9.881~~ 10.154

G. O. R. ~~[illegible]~~ 60440/1

Tank No. #2

Tank Coeff. 5.41

Opening tank gauge 1.8¼

Closing tank gauge 4.6

Oil per/24 hrs. 168

REMARKS: Sep Pres 460

BS&W 8%

Temp of Sep 74°

GULF REFINING COMPANY -- Calcasieu National Bank #2

Date May-22 to May 23

Time 3:00 PM to 300 PM

Tubing P. 3350

Casing P. 625

Temp. flow line 98

Choke 14/64 & 20/64

Static 444

Differential 79

Line 4"

Plate 2½ 2⅛ & 8 P.D.

Meter coeff. 2296.6

Gas M. C. F. 10.080. 10.120 10.120

G. O. R. 61.464/1 61.707/1

Tank No. 142

Tank Coeff. 5.41

Opening tank gauge 14.4

Closing tank " 15.5

Oil per/24 hrs. 164

REMARKS: B.S.&W. 9%

Temp Sep 14

Sep P. 460#

(NEWTANK OR 0 Cls. 1, 8¼)

GULF REFINING COMPANY--Calcasieu National Tank #2

Date May 21 to May 22

Time 3:00 pm to 3:00 pm

Tubing P. 332 J

Casing P. 62 J

Temp. flow line 97%

Choke 14/64 — 20/64

Static 448

Diffenential 78

Line 4"

Plate 2½" 2'8 & 8 PD

Meter Coeff. 2296.6

Gas M. C. F. 10.142 10.113

G. O. R. 62300/1 60.556/1

Tank No. 119.1

Tank Coeff. 5.41

Opening tank gauge 11.53/4

Closing tank gauge 14.4

Oil per/24 hrs. 166.79

REMARKS: BS&W 10%

Temp at Sep 70

Sep Pres. 450#

GULF REFINING COMPANY -- Calcasieu National Bank #2

Date MAY 20 May 21

Time 3:00 P.M. to 3:00 PM

Tubing P. 3300

Casing P. PACKED OF 640

Temp. flow line 99°

Choke 14/64 + 20/64

Static 446

Differential 82

Line 4"

Plate 2½" — 2⅛ + 8 P.D.

Meter Coeff. 2296.6

Gas M.C. F. 10,268. - 10.321

G.O.R. 70 300/1 - 70.691/1

Tank No. N.G. #1

Tank Coeff. 5.41

Opening tank gauge 5.9¾

Closing tank gauge 11.5¾

Oil per/24 hrs. 146

REMARKS: B.S&W 10%

GRAVITY 47.0

Temp at sep 69°

GULF REFINI[illegible] COMPANY -- Calcasieu Nati[illegible]al Bank #2

Date May 24 - May 25

Time [illegible]

Tubing P. 3250

Casing P. 525

Temp. flow line 98

Choke 12/64 - 20/64

Static 445

Differential 90

Line 4"

Plate 2½ 2⅛ & 8 P.D.

Meter coeff. 2296.6

Gas M.C.F. 10.198

G.O.R. 62,564/1

Tank No. #2

Tank Coeff. 5.41

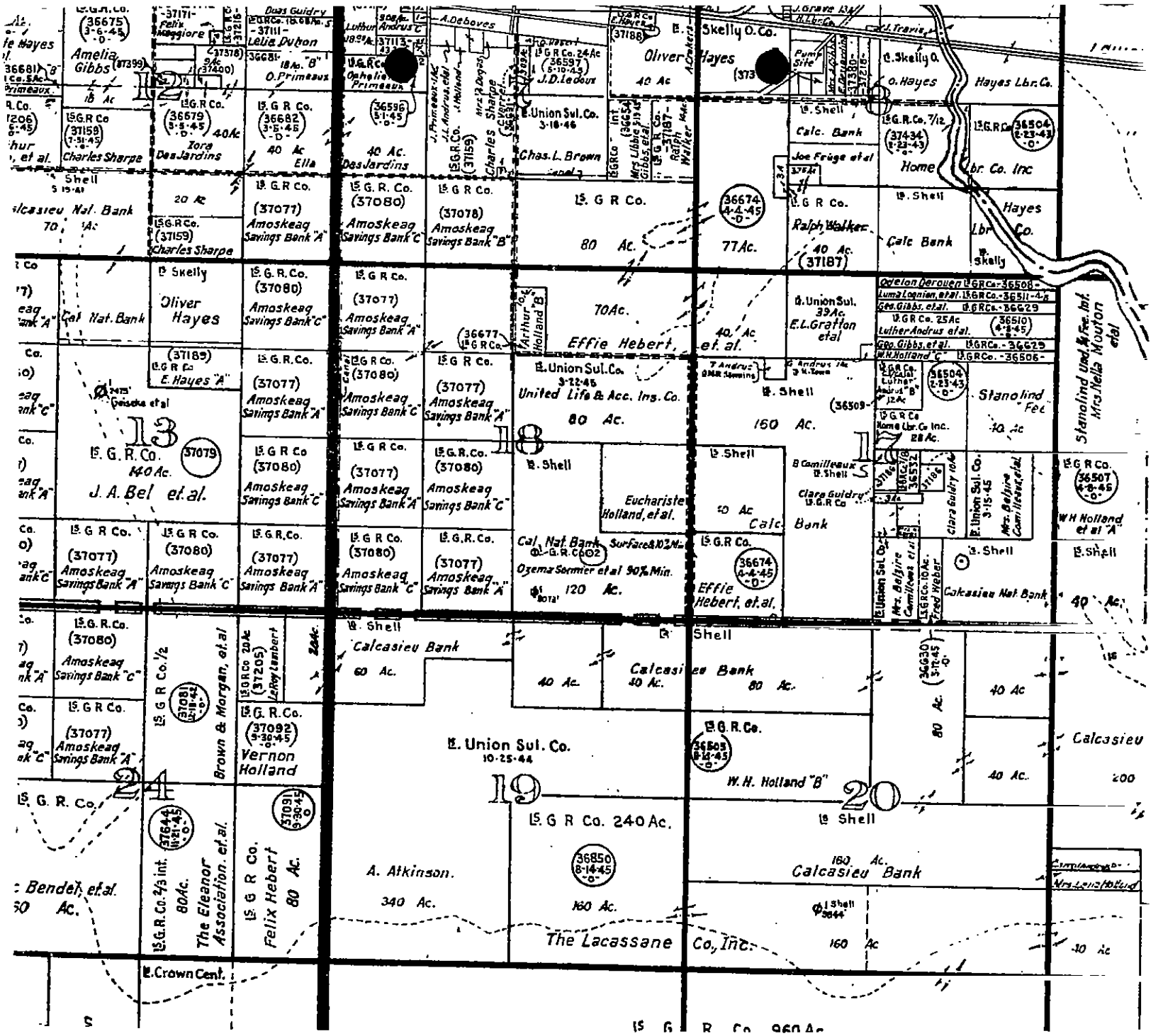
Opening tank gauge 4.6

Closing tank gauge 7.2 [illegible]

Oil per/24 hrs. 163

REMARKS: Sep. RW. 460

B.S.&W 8%



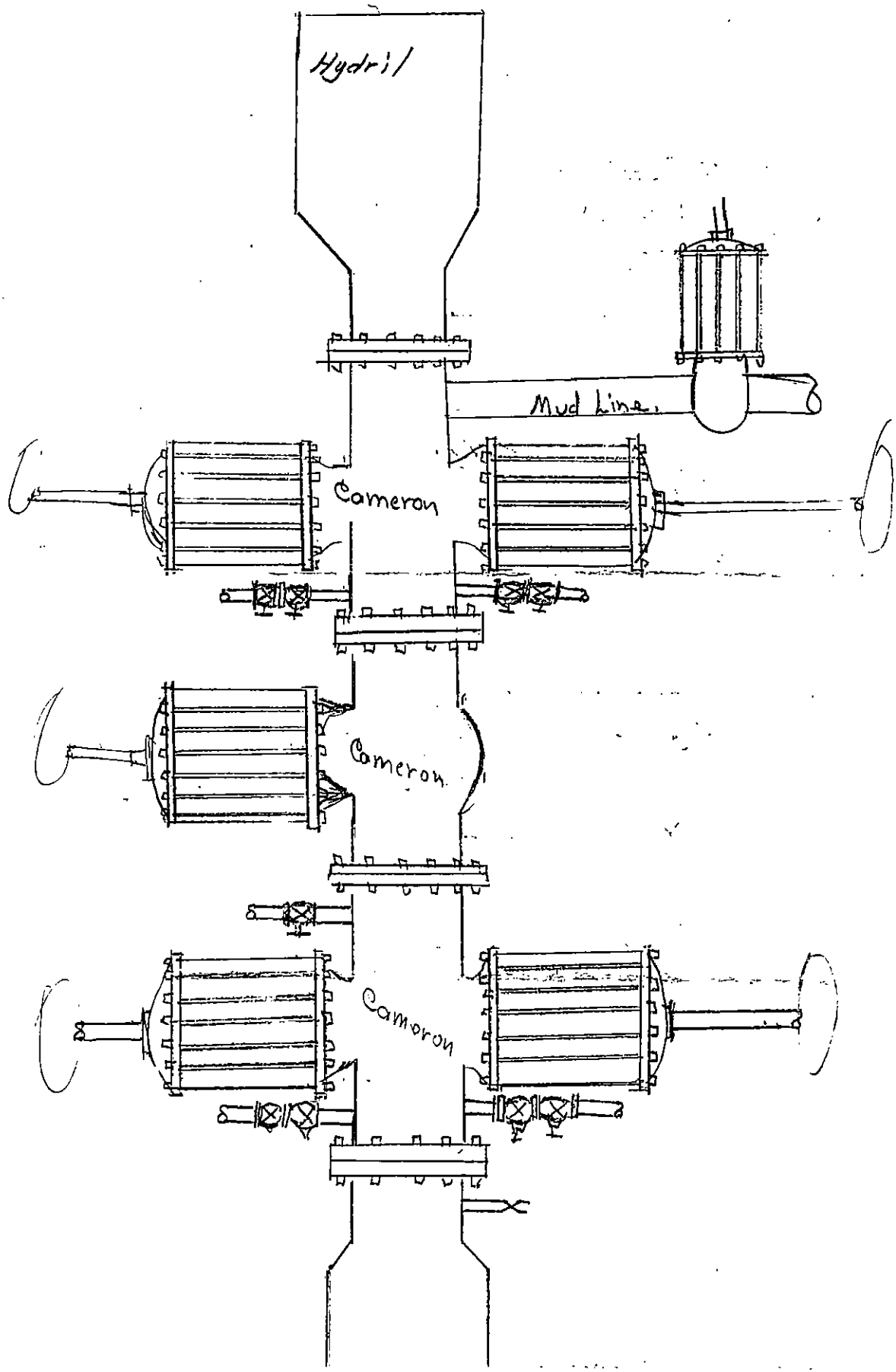
HAYES AREA (CALCASIEU PARISH) LOUISIANA

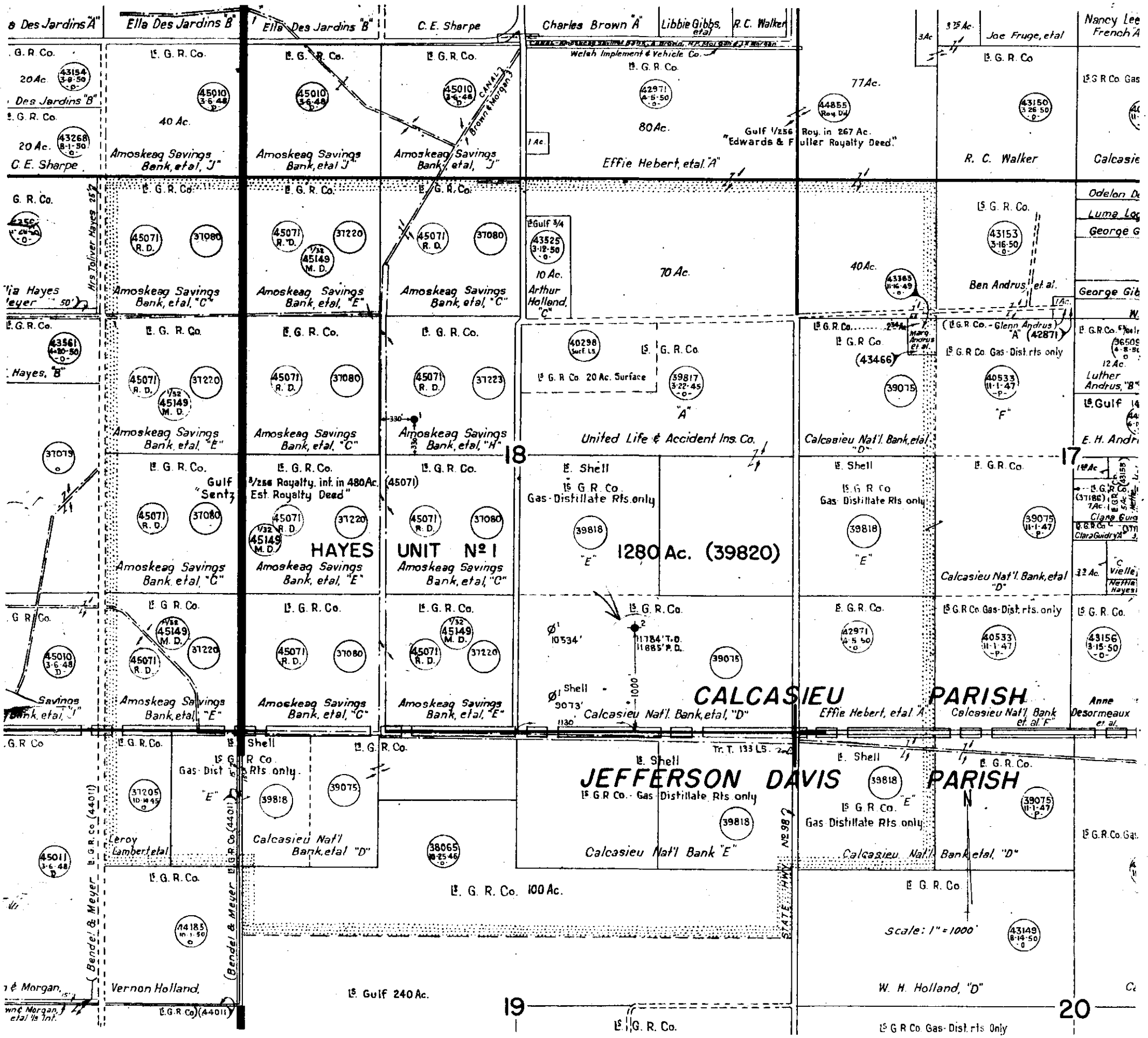
Gulf Refg. Co-Gulf Prod. Div. #2 Calcasieu National Bank, 1130' East & 330' South of N.W. cor. of SW/4 of SE/4 of Sec. 18, in Twp. 11 S., Rng. 8 W.

Scale 1"=2000'

26358

RECEIVED
1941
DEPARTMENT OF MI
LAKE CHAR


Hydril
Mud Line.
Cameron
Cameron
Cameron



HAYES FIELD (CALCASIEU PARISH) LOUISIANA

Gulf Refg. Co.--Gulf Prod. Div. #2 Hayes Unit #1, 1130 feet East along the South line from the Southwest corner of the SE/4 of Sec. 18, T-11-S, R-5-W.

- - - - - - - -

I hereby certify that the foregoing plat is accurately drawn to scale, and the things and matters to which it relates are correctly reflected thereon in accordance with survey on the ground.

025799
26358

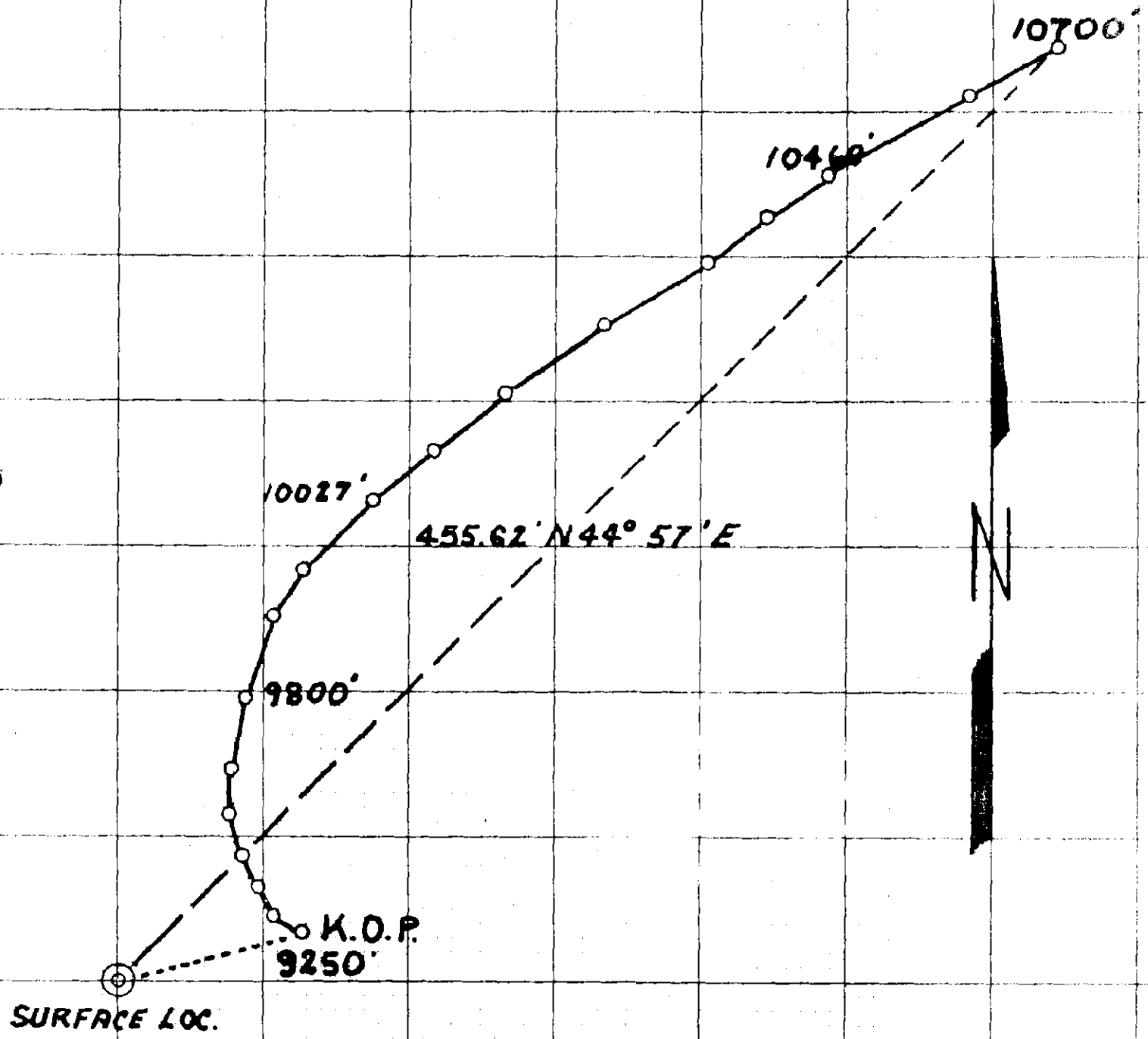
GEO. H. LACY, Licensed Louisiana Surveyor.

COASTAL STATES GAS PRODUCING CO.

MICKEY CUSAK TRUSTEE ANDRUSIUNIT NO.1 WELL NO. 1

SEC.17-11S-R5W HAYES FIELD

CALCASIEU PARISH, LOUISIANA



SHELTON OIL SERVICE COMPANY

DIRECTIONAL DRILLING

HOUSTON

025801
292 03

RECEIVED
AUG 1941
DEPARTMENT OF MINERALS
LAKE CHARLES

PETROLEUM AND ITS PRODUCTS

GULF REFINING COMPANY

GULF BUILDING

J. H. TUCKER
SUPERINTENDENT PRODUCTION

P. O. DRAWER 2100 · HOUSTON, TEXAS

GULF PRODUCTION DIVISION

August 1, 1941.

Department of Minerals,
Oil & Gas Division,
331 Broad Street,
Lake Charles, La.

RE:- Calcasieu National Bank
Lease No.-
Hayes Area, Calcasieu Parish, La.
Well Number 2

Gentlemen:

Attached hereto is Gulf Refining Company, Gulf Production Division Voucher, Audit No. 7-684 Treasure No. 2224 - dated August 1, 1941, in the amount of $50.00, covering our application for permit to drill the above well.

Also attached is plat and Department of Minerals Cards, in duplicate, showing the location of our proposed well.

Please mail permit to Mr. J. H. Tucker, P. O. Drawer 2100, Houston, Texas.

Yours very truly,

WRR/to
cc- Department of Minerals,
Capitol Building,
Baton Rouge, La.

RECEIVED
AUG 2 1941
DEPARTMENT OF MINERALS
LAKE CHARLES

August 2nd, 1941

Mr. J. H. Metzger, Jr.
Chief Enforcement Engineer
Department of Minerals
Baton Rouge, Louisiana

Dear Sir:

Enclosed herewith application together with check in the amount of $50.00 from the Gulf Refining Company for permit to drill a well in the Hayes Area to be known as Calcasieu National Bank # 2 and to be located as follows:

Calcasieu National Bank # 2 — 1130' E & 330' S of NW Cor. of SW ¼ of SE ¼ of Sec. 18, T 11 S, R 5 W, Calcasieu Parish, Louisiana.

Enclosed, also, is plat showing the above location.

You will note that this location is 800' East of the wild well, Calcasieu National Bank # 1, which is still blowing uncontrolled, and as surface connections are blown away, will not be controlled before this well is drilled unless it dies by bridging over. The application did not state whether this was to be a directional hole to kill the wild well or whether it would be a straight hole for production purposes.

If you desire this information, you can let us know or contact the Gulf Refining Company direct in Houston.

Yours very truly,

Joe B. Cobb, Jr.,
Acting Manager.

JBCjr/lg

Encls.

STATE OF LOUISIANA DEPARTMENT OF MINERALS

AFFIDAVIT OF TEST OF CASING IN WELL

AND

APPLICATION FOR CLEARANCE

PERMIT NO. _____ SERIAL NO. _____ DATE 8-18-1941

OPERATOR [illegible] FIELD Hayes ELEV D.F. _____

LEASE Col Nat Banks WELL NO. 2 SEC. ____ TWP. ____ RGE. _____

SIZE OF CASING 18 3/8 IN. WT. PER FT. 78 LBS. MAKE National

NO. OF THREADS PER IN. 8 GRADE J55 SEAMLESS ✓ NEW ____ 2nd _____

IF SECOND-HAND, WAS PIPE TESTED _____ DESCRIBE _____

DEPTH LANDED BELOW DERRICK FLOOR 573 FEET. SACKS OF CEMENT 670

SIZE OF HOLE 23" IN. AMOUNT OF CEMENT LEFT IN PIPE 10 feet

METHOD OF CEMENTING Halliburton CEMENT SET 18 HOURS UNDER 200 LBS.

PRESSURE. TOTAL TIME SET 31 HOURS.

* * * * * * * * * * * * * * * *

DETAILS OF PRESSURE TEST BEFORE DRILLING PLUG:

DATE OF TEST: 8-19- 1941. GAUGE PRESSURE ON CASING 500 LBS.

PRESSURE AT END OF THIRTY MINUTES (30) 500 DROP None LBS.

TEST FLUID: WATER ✓ MUD _____ LBS. PER GAL. VISCOSITY _____ SEC.

TYPE & WORKING PRESSURE OF BLOWOUT PREVENTOR: Bass Ross 600#

REMARKS _____

WITNESS: _____

TITLE: _____

COMPANY: _____

OPERATOR: [illegible]

TITLE: Foreman

DEPARTMENT OF MINERALS
DISTRICT OFFICE Lake Charles

BY: [illegible]

TITLE: Inspector

Sketch of Blowout preventor hook-up on reverse side.

CEMENT RECORD

DATE: 8-19-41

FIELD: Hayes

PARISH:

COMPANY: Gulf Refg Co

WELL: Cal Bonb - # 2

LOCATION:

Diameter of Hole Drilled: 22

Total Depth of Hole: 600

Hole cleaned out to: 573

Size of Casing: 18 5/8

Casing hung and cemented at: 573

None Upper Float Collar at:

None Lower Float Collar at:

Halliburton Casing Shoe at: 573

Kind of Cement Used: Trinity

Method of Cement: Halliburton

Amount of Cement Used: 670

Condition of Mud Before Cement: Good

Viscosity: 38

Weight of Mud: 10#

% Sand in Mud: (Shakeout) 8%

Final _____ line readings:

Time Started: 10 Am.

Time Completed: 10 30 Am.

Witness for Company

Agent, Department of Conservation.

STATE OF LOUISIANA DEPARTMENT OF MINERALS

AFFIDAVIT OF TEST OF CASING IN WELL

AND

APPLICATION FOR CLEARANCE

PERMIT NO. _____ SERIAL NO. _____ DATE Aug 26 1941

OPERATOR Gulf Refg. Co FIELD Haus ELEV D.F. _____

LEASE Calcasieu Natl. Bk WELL NO. 2 SEC. ____ TWP. ____ RGE. _____

SIZE OF CASING 13 3/8 IN. WT. PER FT. 54.50 LBS. MAKE National

NO. OF THREADS PER IN. 8 GRADE _____ SEAMLESS ✓ NEW ✓ 2nd _____

IF SECOND-HAND, WAS PIPE TESTED _____ DESCRIBE _____

DEPTH LANDED BELOW DERRICK FLOOR 2491 FEET. SACKS OF CEMENT 1600 sks

SIZE OF HOLE 17 1/2 IN. AMOUNT OF CEMENT LEFT IN PIPE 50

METHOD OF CEMENTING Halliburton CEMENT SET 12 HOURS UNDER 500 LBS.

PRESSURE. TOTAL TIME SET _____ HOURS.

* * * * * * * * * * * * * * * * *

DETAILS OF PRESSURE TEST BEFORE DRILLING PLUG:

DATE OF TEST: Aug 26 1941. GAUGE PRESSURE ON CASING 1200 LBS.

PRESSURE AT END OF THIRTY MINUTES (30) 1200 DROP None LBS.

TEST FLUID: WATER ✓ (all the way) MUD _____ LBS. PER GAL. VISCOSITY _____ SEC.

TYPE & WORKING PRESSURE OF BLOWOUT PREVENTOR: Cameron 6000# W.P.

REMARKS Test Hydrill

WITNESS: _____ OPERATOR: [signature]

TITLE: _____ TITLE: _____

COMPANY: _____ DEPARTMENT OF MINERALS
DISTRICT OFFICE Lake Charles

Sketch of Blowout preventor hook-up on reverse side.

BY: E. K. Crowley, Jr.

TITLE: Jr. Engr.

STATE OF LOUISIANA DEPARTMENT OF MINERALS

AFFIDAVIT OF TEST OF CASING IN WELL

AND

APPLICATION FOR CLEARANCE

PERMIT NO. _____ SERIAL NO. _____ DATE 10-13 1941

OPERATOR Gulf Ref Co FIELD Hayes ELEV D.F. _____

LEASE Calhat Bank WELL NO. 2 SEC. ____ TWP. ____ RGE. _____

SIZE OF CASING 9 5/8 IN. WT. PER FT. 43.50 LBS. MAKE extreme Lines

NO. OF THREADS PER IN. 6 GRADE J55 SEAMLESS ✓ NEW ✓ 2nd _____

IF SECOND-HAND, WAS PIPE TESTED _____ DESCRIBE _____

DEPTH LANDED BELOW DERRICK FLOOR 9411 FEET. SACKS OF CEMENT 1500

SIZE OF HOLE 12 1/4 IN. AMOUNT OF CEMENT LEFT IN PIPE 187

METHOD OF CEMENTING Halliburton CEMENT SET 14 HOURS UNDER 500 LBS.

PRESSURE. TOTAL TIME SET 96 HOURS.

* * * * * * * * * * * * * * * *

DETAILS OF PRESSURE TEST BEFORE DRILLING PLUG:

DATE OF TEST: 10-16- 1941. GAUGE PRESSURE ON CASING 2100 LBS.

PRESSURE AT END OF THIRTY MINUTES (30) 2100 DROP None LBS.

TEST FLUID: WATER ✓ MUD _____ LBS. PER GAL. VISCOSITY _____ SEC.

TYPE & WORKING PRESSURE OF BLOWOUT PREVENTOR: Cameron 6000# Hydrill 5000#

REMARKS Tested Cameron BPO. 2100# Hydrill 2100- No Leaks

WITNESS: _____

TITLE: _____

COMPANY: _____

Sketch of Blowout preventor hook-up on reverse side.

OPERATOR Gulf Ref Co Prod Div

TITLE: Clerk

DEPARTMENT OF MINERALS
DISTRICT OFFICE Lake Charles

BY: [illegible]

TITLE: Inspector

CEMENT RECORD

DATE: 10-14-41

FIELD: Hayes

PARISH: Jeff Davis

COMPANY: Gulf Refg Co

WELL: Oal Bank # 2

LOCATION:

Diameter of Hole Drilled: 12 1/4

Total Depth of Hole: 9415

Hole cleaned out to: 9411

Size of Casing: 9 5/8

Casing hung and cemented at: 9411

Halliburton Upper Float Collar at: 9326

✓ Lower Float Collar at: 9348

✓ Casing Shoe at: 9411

Kind of Cement Used: Uniflo

Method of Cement: Halliburton

Amount of Cement Used: 1500

Condition of Mud good

Before Cement: ✓

Viscosity: 48

Weight of Mud: 15.1

% Sand in Mud: (Shakeout) 2%

Final _____ line readings:

Time Started: 9 am.

Time Completed: 10.30 am.

9411
9315
9326

[signature]
Witness for Company

[signature]
Agent, Department of Conservation.

Gulf Refining Company,
Gulf Production Division.

FEB 1942
RECEIVED
DEPT. OF
MINERALS

Evangeline, Louisiana, Feb. 9th, 1942.

Department of Minerals,
State Capitol Building,
Baton Rouge, La,

Dear Sirs:

Please find attached Form No.MD-11 application for permit to plug and sidetrack junk at 10,407' in Calcasieu National Bank No.2, at, Hayes, Calcasieu Parish, Louisiana. Covered by Permit Serial No.10885 to Drill dated at Baton Rouge, August 4th, 1941, and which bears serial No.26358.

Yours very truly,

A. Simon

A.Simon

S/
CC:Mr.V.K.Stockton
Harvey, La.

RECEIVED
FEB 11 1942
DEPARTMENT OF MINERALS
LAKE CHARLES

RECEIVED
APR 3 1942
DEPARTMENT OF MINERALS
LAKE CHARLES

CEMENT RECORD

DATE: 3-17-42

FIELD: HAYES

PARISH: JEFF DAVIS

COMPANY: GULF REF.

WELL: CALNTL BANK #2

LOCATION: 18-11-5 W

Diameter of hole drilled: 8½"

Total Depth of Hole: 11685

Hole cleaned out to: 11685

Size of Casing: 7"

Casing Hung and Cemented at: 11578.70

Upper Float Collar at: 11537.70

Lower Float Collar at:

Casing Shoe at: 11578.70

Kind of Cement Used: UNIFLO

Method of Cement: HALIBURTON

Amount of Cement Used: 500 SAX

Condition of Mud

Before Cement:

Viscosity: 43

Weight of Mud: 16.4

% Sand in Mud: (Shakeout)

Final line readings:

Time Started: 10.30

Time Completed: 11:30

G. T. Rhodes
Witness for Company

John C. Manns
Agent, Department of Minerals

STATE OF LOUISIANA
DEPARTMENT OF MINERALS

RECEIVED
APR 3 1942
DEPARTMENT OF MINERALS
LAKE CHARLES

AFFIDAVIT OF TEST OF CASING IN WELL AND APPLICATION FOR CLEARANCE

COMPANY: GULF REF CO. DATE: MAR. 30 1942

WELL NAME & NO.: CAL. NTL BANK #2 PERMIT NO.: 10885 SERIAL NO.: 26358

LOCATION: SECTION: 18 TOWNSHIP: 11 RANGE: 5W PARISH: JEFF DAVIS

SURFACE: ( ): PRODUCING: ( ): OTHERS: (4)

We, the undersigned, have set the following casing in the above named well: 11578.70 feet of 7" inch, weighing 26-29-30 pounds per foot, which was manufactured by: NATIONAL of N 80 grade of steel, with 6 threads per inch of the following description: (SEAMLESS-LAPWELD) (NEW - SECONDHAND). (IF SECOND HAND, insert here description of pressure test made on pipe:

This casing was landed 11578 feet below the derrick floor in 8½" inch diameter open hole, with 500 sacks of cement by the HALIBURTON method. 50 feet of cement was left in casing. Cement set for a period of 18 DAYS hours under a pressure of _____ pounds per square inch. Total time for cement set was 18 DAYS hours.

Casing has been tested under a pressure of 1950 pounds per square inch, and at the end of thirty minutes, pressure had declined 175# pounds per square inch.

This casing has been set and tested according to the Laws of the State of Louisiana, and the Rules and Regulations of the Department of Minerals, and the Gulf Ref Co. Company hereby makes application to: (CONTINUE DRILLING) - COMPLETE WELL.

WITNESS:

G T Rhodes
DRILLING SUPERINTENDENT FOR THE COMPANY

John C Manns
For Department of Minerals.

DRILLER ON DUTY WHEN TEST WAS MADE.

CERTIFICATE OF CASING CLEARANCE

THE DEPARTMENT OF MINERALS, having received the above affidavit, signed by representatives of the Company named hereon, including data showing that all of the Laws of the State of Louisiana, and the Rules and Regulations of the Department of Minerals have been complied with, approve this well for: CONTINUE DRILLING - COMPLETION OF WELL.

DISTRICT MANAGER FOR DEPARTMENT OF MINERALS

NOTE: This form to be filled out for all types of casing test. This report and affidavit to be FILED IN TRIPLICATE with the Department of Minerals District Office on the same date test is made.

#

RECEIVED
APR 3 1942
DEPARTMENT OF MINERALS
LAKE CHARLES

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION
DIVISION OF MINERALS

Test of Blowout Preventer

Field HAYES Date of Test APR. 1, 1942

Company or Operator GULF REF CO. Permit No. Serial

Drilling Contractor HARRISON & DILLARD.

Lease CAL. NTL. BANK Well No. 2 Sec. 18 T. 11 S., R. 5 W.

Location of Well:

Name of Blowout Preventer CAMERON #2 CENTER Depth when installed 11685

Size of drill stem 4½ O.D. HYDRIL Size of rams 4½

Depth of hole 11685 Size of hole 8½

Weight of mud 16.4 Viscosity of Mud 43 Sand Content

Commercial or Native Mud COMMERCIAL

Method of testing mud HYDROMETER.

Time blowout preventer test made 10.15 A.M. APR. 1 1942

Time required to close rams by hand, if hand operated blowout preventer is installed: 2½ MIN.

Time required to close rams by pressure 2 SEC.

Total time required to close and lock rams 2 MIN. 32 SEC.

Well pressure that rams closes against 0

Well pressure accumulated under rams after closing 2750

Closing pressure applied 500#

Method of applying SPECIAL PUMP & BOILER FEED

Time for closing if pressure operated 2 SEC.

Total time for closing rams and hand locking after pressure applied 2 MIN. 32 SEC.

Result of Test SATISFACTORY

Remarks:

General condition of operation:

[signature] Operator

Agent: John C Manns Engineer in charge of District.

#3

RECEIVED
APR 3 1942
DEPARTMENT OF MINERALS
LAKE CHARLES

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION
DIVISION OF MINERALS

Test of Blowout Preventer

Field HAYES Date of Test APR. 1, 1942

Company or Operator GULF REF. CO Permit No. Serial

Drilling Contractor HARRISON & DILLARD

Lease CALCASIEU NTL BANK Well No. 2 Sec. 18 T. 11 S. N., R. 5 W.

Location of Well:

Name of Blowout Preventer HY DRIL ON TOP Depth when installed 11685

Size of drill stem 4½ OD HYDRIL Size of rams 4½

Depth of hole 11685 Size of hole 8½

Weight of mud 16.4 Viscosity of Mud 43 Sand Content

Commercial or Native Mud COMMERCIAL

Method of testing mud HYDROMETER.

Time blowout preventer test made 11.00 A.M. APR. 1 1942

Time required to close rams by hand, if hand operated blowout preventer is installed:

Time required to close rams by pressure 1 SEC.

Total time required to close and lock rams 1 SEC.

Well pressure that rams closes against 0

Well pressure accumulated under rams after closing 3000#

Closing pressure applied 500#

Method of applying SPECIAL PUMP & BOILER FEED PUMP

Time for closing if pressure operated 1 SEC.

Total time for closing rams and hand locking after pressure applied

Result of Test SATISFACTORY.

Remarks: WELL IS EQUIPPED WITH HYDRIL HYDRAULIC ROTARY WITH HYDRIL FLUSH JOINT DRILL STEM. HAS 2 CAMERON 6000# TEST B.O.P.S AND 1 HYDRIL.

General condition of operation: SATISFACTORY

G. F. Rhodes
Operator

Agent: John C. Manno
Engineer in charge of District.

#1

RECEIVED
APR 3 1942
DEPARTMENT OF MINERALS
LAKE CHARLES

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION
DIVISION OF MINERALS

Test of Blowout Preventer

Field HAYES Date of Test APR. 1, 1942

Company or Operator GULF REF. CO Permit No. Serial

Drilling Contractor HARRISON & DILLARD

Lease CALCASIEU NTL. BANK Well No. 2 Sec. 18 T. 11 S., R. 5 W.

Location of Well:

Name of Blowout Preventer CAMERON #1 LOWER. Depth when installed 11685

Size of drill stem 4½ O.D. Size of rams 4½

Depth of hole 11685 Size of hole 8½

Weight of mud 16.4 Viscosity of Mud 43 Sand Content

Commercial or Native Mud COMERCIAL

Method of testing mud HYDRO METER

Time blowout preventer test made 10.00 A.M. APR. 1 1942

Time required to close rams by hand, if hand operated blowout preventer is installed: 2½ MIN.

Time required to close rams by pressure 2. SEC.

Total time required to close and lock rams 2 MIN 32 SEC.

Well pressure that rams closes against 0

Well pressure accumulated under rams after closing 2050

Closing pressure applied 500#

Method of applying BOILER FEED also special High Pressure Pump

Time for closing if pressure operated 2. SEC.

Total time for closing rams and hand locking after pressure applied 2 MIN 32 SEC.

Result of Test SATISFACTORY

Remarks:

General condition of operation:

E. F. Holmes
Operator

Agent: John C. Manno
Engineer in charge of District.

Perforating Data

DEPARTMENT OF CONSERVATION
MINERALS DIVISION
LAKE CHARLES DISTRICT

RECEIVED
Perforating Data
APR 10 1942
DEPARTMENT OF CONSERVATION
MINERALS DIVISION
LAKE CHARLES

COMPANY: GULF REF. WELL: CAL. NTL BNK #2 FIELD: HAMES DATE: APR 9 1942

Casing Size: 5 9/16 OD. Bottom of Hole: 11685 Purpose: Squeeze ✓ Prod. ___

Wt. of Fluid: 16.3 Blowout Preventor: Yes ✓ No ___ Master Valve: Yes ✓ No ___

Size of Gun: 3 1/2 OD Size of Bullet: 15/22 Permit Shooting Depth: 11660-70

Perforating Company: LANE WELLS Number of Shots: 60

Run Number #1 Depth	Run Number #2 Depth	Run Number #3 Depth	Run Number Depth
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
Shots Attempted: 24 Shots Fired: 24	Shots Attempted: 24 Shots Fired: 24	Shots Attempted: 12 Shots Fired: 12	Shots Attempted: ___ Shots Fired: ___

Total Number of Shots Fired: 60

Witness for Oil Co.

Witness for Perf. Co.

John C. Manns
Witness for Dep't. of Conservation

Perforating Data

DEPARTMENT OF CONSERVATION
MINERALS DIVISION
LAKE CHARLES DISTRICT

Perforating Data

COMPANY: GULF REF. CO. WELL: CAL. NTL BANK FIELD: HAYES DATE: APR. 13 1942

Casing Size: 5 9/16 Bottom of Hole: 11685 Purpose: Squeeze ___ Prod. ✓

Wt. of Fluid: 16.3 Blowout Preventor: Yes ✓ No ___ Master Valve: Yes ✓ No ___

Size of Gun: 3 5/8 Size of Bullet: 15/32 Permit Shooting Depth: 11660-70

Perforating Company: LANE WELLS Number of Shots: 60

Run Number Depth	Run Number Depth	Run Number Depth	Run Number Depth
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
Shots Attempted: 24 Shots Fired:	Shots Attempted: 24 Shots Fired:	Shots Attempted: 12 Shots Fired:	Shots Attempted: Shots Fired:

Total Number of Shots Fired:

Witness for Oil Co.

Witness for Perf. Co.

Witness for Dep't. of Conservation

File

RECEIVED
APR 30 1942
DEPARTMENT OF CONSERVATION
LAKE CHARLES

Perforating Data

DEPARTMENT OF CONSERVATION
MINERALS DIVISION
LAKE CHARLES DISTRICT

Perforating Data

COMPANY: GULF REFCO WELL: CAL. NTL. BANK #2 FIELD: HAYES DATE: APR. 27-42

Casing Size: 5 9/16 Bottom of Hole: 11 685 Purpose: Squeeze ___ Prod. ✓

Wt. of Fluid: 16.4 Blowout Preventor: Yes ✓ No ___ Master Valve: Yes ✓ No ___

Size of Gun: 4 3/4 Size of Bullet: 15/32 Permit Shooting Depth: 11646-11656

Perforating Company: LAYNE WELLS Number of Shots: 60

Run Number Depth	Run Number Depth	Run Number Depth	Run Number Depth
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
Shots Attempted: ___ Shots Fired: ___	Shots Attempted: ___ Shots Fired: ___	Shots Attempted: ___ Shots Fired: ___	Shots Attempted: ___ Shots Fired: ___

Total Number of Shots Fired: 60

Witness for Oil Co.

Witness for Perf. Co.

Witness for Dep't. of Conservation

RECEIVED
MAY 6 1942
DEPARTMENT OF MINERALS
LAKE CHARLES

WELL COMPLETION REPORT

OIL WELL (____) GAS WELL (____) RECOMPLETION (____)

PARISH Calcasieu FIELD Hayes, La

WELL NAME AND NO. Calcasieu National Bank No. 2

COMPANY Gulf Refining Co. DRLG. CONTRACTOR Harrison & Dillard

PERMIT SERIAL NO. 26358 COMMENCED DRILLING August 15, 1941

DATE COMPLETED OR RECOMPLETED April 30, 1942

INITIAL PRODUCTION 55 Bbls. BBLS. PER 24 HOURS.

CHOKE SIZE 3/16" GAS OIL RATIO 70,000-1

TUBING PRESSURE 4250# CASING PRESSURE Packer

CORRECTED GRAVITY 44.4 ° A.P.I., B.S.&.W. 7½% Fresh water

TOTAL DEPTH 11685' FT., PERFORATED : YES (✓) NO. (____)

PRODUCING DEPTH 11,646 - 11,670'

ALLOWABLE REQUESTED what ever the department allows. IF WELL IS RECOMPLETED WITHIN

MONTH April 30, 1942 & month of May, 1942.

DATE 5-5-42 BY E. E. Ferrin

DISTRICT OFFICE

Form SDM #1.

Perforate LC. # 245

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

WORK PERMIT

PERMIT TO: Perforate DATE: October 12th, 1943

PARISH: Calcasieu FIELD: Hayes

COMPANY: Gulf Refining Company

ADDRESS: Houston, Texas

WELL NAME: Cal. Nat'l Bank NO. 2 SEC. 18 T. 11s R. 5w

WELL PERMIT SERIAL NO.: 10885 WORK PERMIT NO.: Perf. LC.#245

LOCATION:

YOU ARE HEREBY AUTHORIZED TO: Perf. 5-9/16" OD. Liner
Perforate 11,525-11570'

TD

PERMIT REQUESTED BY: A. Simon
Company Representative

AUTHORIZED BY:
Frank J. Fava, Jr., Mgr.
District Office
Lake Charles District

Form DM-4R—10M—15937

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

RECEIVED
NOV 3 1943
DEPARTMENT OF MINERALS
LAKE CHARLES

LAKE CHARLES DISTRICT

WELL COMPLETION OR RECOMPLETION REPORT

OIL WELL (__)
DIS. WELL (__)
GAS WELL (X)

NOTE
One copy to be filed with District Office within three (3) days of date of completion or recompletion (as per Order No. 29-A, Section X, Paragraph A, Article 1.)

COMPLETION (__)
RECOMPLETION (X)
PERMIT SERIAL NO. _____

PARISH CALCASIEU FIELD HAYES SEC. 18 TWP. 11-S RGE. 5-W

COMPANY GULF REFINING COMPANY GULF PRODUCTION DIVISION LEASE CALCASIEU NATIONAL BANK WELL NO. 2

DRILLING CONTRACTOR COMPANY TOOLS DATED SPUDDED (OR W.O.) AUGUST 25, 1943.

DATE COMPLETED OR RECOMPLETED OCT 28TH 19 43, AT _____ A.M. 5:00 P.M.

COMPLETION DATA:

INITIAL PRODUCTION 37 BBLS BBLS/DAY (NET)

TUBING PRESSURE 4175 #/SQ.IN.GA. FLOWING(X) SHUT IN (YES) 1:00 AM 11-1

CASING PRESSURE 500 #/SQ.IN.GA.

CHOKE . . . . SIZE 9/64" POSITIVE (X) ADJUSTABLE(__)

B. S. & W. none PERCENT SALT WATER (__) WASH WATER (__)

GAS VOLUME 2,044,731 MCF/DAY

GAS/OIL RATIO 55,263 TO ONE CF/BBL.

GRAVITY 45.3 (60°-A.P.I.)

PRODUCING DEPTH 11625 FT. TO 11670' FT.

PERFORATED YES (X) NO (__) BOTTOM TUBING 11620' FT. SIZE 2-1/2 IN.

CASING (OIL STRING) SIZE 7" IN. I.D.(__) O.D.(X) BOTTOM(SEAT) 11578' FT.
134.22' of 5-9/16" Liner - seat at 11683.70'

TOTAL DEPTH DRILLED 11784' FT. DERRICK FLOOR ELEVATOR 16 FT.

Additional clearance is requested for _____ barrels of oil produced on drill stem or other production tests. (See Section X, Paragraph B, of Order No. 29-A on reverse side.

GULF REFINING COMPANY
GULF PRODUCTION DIVISION
COMPANY

Division Supt. M. L. Reick
COMPANY REPRESENTATIVE

FORM - SDM-1-R
(OVER)

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

This side to be used when requesting clearance for oil produced on Drill Stem Test or other production tests; made previous to official completion or recompletion.

Section X, Paragraph B of Order No. 29-A

Allowables given to wells for oil produced on drill stem tests, production test and any miscellaneous production of oil shall be in accordance with the following rule:

All operators are required, within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production; as "from 8:00 A.M., August 5th, to 3:00 P.M., August 8th, 1942."

TEST DATA

DATE OF TEST	TIME OF TEST	AMOUNT OF OIL PRODUCED
_____ 19___	____.M TO ____.M	_____ BARRELS
_____ 19___	____.M TO ____.M	_____ BARRELS
_____ 19___	____.M TO ____.M	_____ BARRELS
_____ 19___	____.M TO ____.M	_____ BARRELS
_____ 19___	____.M TO ____.M	_____ BARRELS
_____ 19___	____.M TO ____.M	_____ BARRELS
_____ 19___	____.M TO ____.M	_____ BARRELS
_____ 19___	____.M TO ____.M	_____ BARRELS
_____ 19___	____.M TO ____.M	_____ BARRELS
_____ 19___	____.M TO ____.M	_____ BARRELS
_____ 19___	____.M TO ____.M	_____ BARRELS
	TOTAL:	_____ BARRELS

The above total barrels of oil was produced from _____ Ft. to _____ Ft.

REMARKS:

_____

_____

_____

_____
COMPANY

FORM-SDM-1-R
(OVER)

_____
COMPANY REPRESENTATIVE

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

RECEIVED
NOV 3 1943
DEPARTMENT OF MINERALS
LAKE CHARLES

LAKE CHARLES DISTRICT

WELL COMPLETION OR RECOMPLETION REPORT

OIL WELL (___)
DIS. WELL (___)
GAS WELL (X)

NOTE
One copy to be filed with District Office within three (3) days of date of completion or recompletion (as per Order No. 29-A, Section X, Paragraph A, Article 1.)

COMPLETION (___)
RECOMPLETION (X)
PERMIT SERIAL NO. _____

PARISH CALCASIEU FIELD HAYES SEC. 18 TWP. 11-S RGE. 5-W

COMPANY GULF REFINING COMPANY GULF PRODUCTION DIVISION LEASE CALCASIEU NATIONAL BANK WELL NO. 2

DRILLING CONTRACTOR COMPANY TOOLS DATED SPUDDED (OR W.O.) AUGUST 25, 1943.

DATE COMPLETED OR RECOMPLETED OCT 28TH 19 43 AT _____ A.M. 5:00 P.M.

COMPLETION DATA

INITIAL PRODUCTION 37 BBLS BBLS/DAY (NET)

TUBING PRESSURE 4175 #/SQ.IN.GA. FLOWING(X) SHUT IN (YES) 1:00 AM 11-1

CASING PRESSURE 500 #/SQ.IN.GA.

CHOKE . . . . SIZE 9/64" POSITIVE (X) ADJUSTABLE(___)

B. S. & W. none PERCENT SALT WATER (___) WASH WATER (___)

GAS VOLUME 2,044,731 MCF/DAY

GAS/OIL RATIO 55,263 TO ONE CF/BBL.

GRAVITY 45.3 (60°-A.P.I.)

PRODUCING DEPTH 11625 FT. TO 11670' FT.

PERFORATED YES (X) NO (___) BOTTOM TUBING 11620' FT. SIZE 2-1/2 IN.

CASING (OIL STRING) SIZE 7" IN. I.D. (___) O.D. (X) BOTTOM(SEAT) 11578' FT.
~~134.22' of 5-9/16" Liner - seat at 11683.70'~~

TOTAL DEPTH DRILLED 11784' FT. DERRICK FLOOR ELEVATOR 16 FT.

Additional clearance is requested for _____ barrels of oil produced on drill stem or other production tests. (See Section X, Paragraph B, of Order No. 29-A on reverse side.

GULF REFINING COMPANY
GULF PRODUCTION DIVISION
COMPANY

Division Supt. M. L. Redick
COMPANY REPRESENTATIVE

FORM - SDM-1-R
(OVER)

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

This side to be used when requesting clearance for oil produced on Drill Stem Test or other production tests; made previous to official completion or recompletion.

Section X, Paragraph B of Order No. 29-A

Allowables given to wells for oil produced on drill stem tests, production test and any miscellaneous production of oil shall be in accordance with the following rule:

All operators are required, within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production; as "from 8:00 A.M., August 5th, to 3:00 P.M., August 8th, 1942."

TEST DATA

DATE OF TEST	TIME OF TEST	AMOUNT OF OIL PRODUCED
_____19___	_____.M TO_____.M	_____BARRELS
_____19___	_____.M TO_____.M	_____BARRELS
_____19___	_____.M TO_____.M	_____BARRELS
_____19___	_____.M TO_____.M	_____BARRELS
_____19___	_____.M TO_____.M	_____BARRELS
_____19___	_____.M TO_____.M	_____BARRELS
_____19___	_____.M TO_____.M	_____BARRELS
_____19___	_____.M TO_____.M	_____BARRELS
_____19___	_____.M TO_____.M	_____BARRELS
_____19___	_____.M TO_____.M	_____BARRELS
_____19___	_____.M TO_____.M	_____BARRELS
	TOTAL:	_____BARRELS

The above total barrels of oil was produced from_____Ft. to_____Ft.

REMARKS:

_____

_____

_____

_____
COMPANY

FORM-SDM-1-R
(OVER)

_____
COMPANY REPRESENTATIVE

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

RECEIVED
NOV 3 1943
DEPARTMENT OF MINERALS
LAKE CHARLES

LAKE CHARLES DISTRICT

WELL COMPLETION OR RECOMPLETION REPORT

OIL WELL (___)
DIS. WELL (___)
GAS WELL (X)

NOTE
One copy to be filed with District Office within three (3) days of date of completion or recompletion (as per Order No. 29-A, Section X, Paragraph A, Article 1.)

COMPLETION (___)
RECOMPLETION (X)
PERMIT SERIAL NO. _____

PARISH CALCASIEU FIELD HAYES SEC. 18 TWP. 11-S RGE. 5-W

COMPANY GULF REFINING COMPANY GULF PRODUCTION DIVISION LEASE CALCASIEU NAT'L BANK WELL NO. 2

DRILLING CONTRACTOR COMPANY TOOLS DATED SPUDDED (OR W.O.) AUGUST 25, 1943.

DATE COMPLETED OR RECOMPLETED OCT 28TH 1943, AT _____ A.M. 5:00 P.M.

COMPLETION DATA:

INITIAL PRODUCTION 37 BBLS BBLS/DAY (NET)

TUBING PRESSURE 4175 #/SQ.IN.GA. FLOWING(__) SHUT IN (YES) 1:00 AM 11-1

CASING PRESSURE 500 #/SQ.IN.GA.

CHOKE . . . . SIZE 9/64" POSITIVE (X) ADJUSTABLE(___)

B. S. & W. none PERCENT SALT WATER (___) WASH WATER (___)

GAS VOLUME 2,044,731 MCF/DAY

GAS/OIL RATIO 55,263 TO ONE CF/BBL.

GRAVITY 45.3 (60°-A.P.I.)

PRODUCING DEPTH 11625 FT. TO 11670' FT.

PERFORATED YES (X) NO (___) BOTTOM TUBING 11620' FT. SIZE 2-1/2 IN.

CASING (OIL STRING) SIZE 7" IN. I.D.(__) O.D.(X) BOTTOM(SEAT) 11578' FT.
134.22" 5-9/16" Liner Seat at 11683.70'

TOTAL DEPTH DRILLED 11784' FT. DERRICK FLOOR ELEVATOR 16' FT.

Additional clearance is requested for _____ barrels of oil produced on drill stem or other production tests. (See Section X, Paragraph B, of Order No. 29-A on reverse side.

GULF REFINING COMPANY,
GULF PRODUCTION DIVISION
COMPANY

Division Supt. M R Redick
COMPANY REPRESENTATIVE

FORM - SDM-1-R
(OVER)

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

This side to be used when requesting clearance for oil produced on Drill Stem Test or other production tests; made previous to official completion or recompletion.

Section X, Paragraph B of Order No. 29-A

Allowables given to wells for oil produced on drill stem tests, production test and any miscellaneous production of oil shall be in accordance with the following rule:

All operators are required, within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production; as "from 8:00 A.M., August 5th, to 3:00 P.M., August 8th, 1942."

TEST DATA

DATE OF TEST	TIME OF TEST	AMOUNT OF OIL PRODUCED
_____19___	_____.M TO_____.M	_____BARRELS
_____19___	_____.M TO_____.M	_____BARRELS
_____19___	_____.M TO_____.M	_____BARRELS
_____19___	_____.M TO_____.M	_____BARRELS
_____19___	_____.M TO_____.M	_____BARRELS
_____19___	_____.M TO_____.M	_____BARRELS
_____19___	_____.M TO_____.M	_____BARRELS
_____19___	_____.M TO_____.M	_____BARRELS
_____19___	_____.M TO_____.M	_____BARRELS
_____19___	_____.M TO_____.M	_____BARRELS
_____19___	_____.M TO_____.M	_____BARRELS
	TOTAL:	_____BARRELS

The above total barrels of oil was produced from_____Ft. to_____Ft.

REMARKS:

_____

_____

_____

_____
COMPANY

FORM-SDM-1-R
(OVER)

_____
COMPANY REPRESENTATIVE

PETROLEUM AND ITS PRODUCTS

GULF REFINING COMPANY

GULF BUILDING

P. O. DRAWER 2100 · HOUSTON, TEXAS

W. C. CLEMONS
SUPERINTENDENT PRODUCTION

GULF PRODUCTION DIVISION

RECEIVED
NOV 24 1943

November 23, 1943.

Department of Conservation
Division of Minerals
State of Louisiana
331 Broad St.,
Lake Charles, La.

Re:- Calcasieu National Bank, et al
"C" - Lse #39075
Hayes, Calcasieu Parish, La.
Well Number 2 (Work over)

Gentlemen:-

Please find attached hereto Formation Record, in triplicate on the above named Gulf Refining Company, Gulf Production Division well.

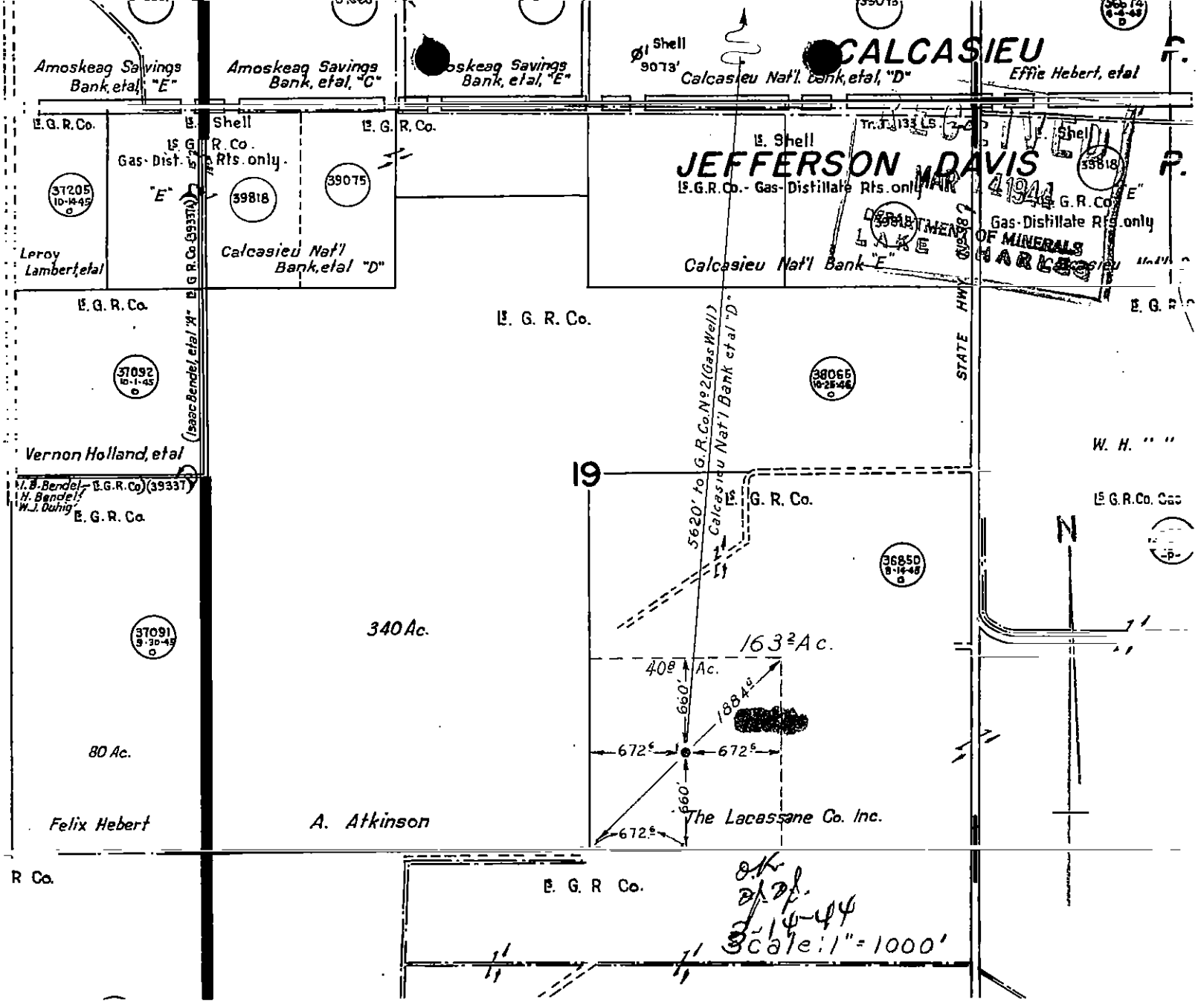
Permit LC #245 issued 11/12/43.

Yours very truly,

W. C. Clemons

W. C. CLEMONS

to/
attach
cc; Department of Conservation
Division of Minerals
State Capitol Building
Baton Rouge, La.



HAYES FIELD (JEFFERSON DAVIS PARISH) LOUISIANA

Gulf Refg. Co.-Gulf Prod. Div. #1 The Lacassane Co., Inc., 672.6' East along the South line from the Southeast corner of the Southeast quarter of Section 19, and 660' North at R/A to said line. In Section 19, Twp. 11-S, Rng. 8-W.

* * * * * * * *

I hereby certify that the foregoing plat is accurately drawn to scale, and the things and matters to which it relates are correctly reflected thereon in accordance with survey made on the ground.

GEO. H. LACY, Licensed Louisiana Surveyor.

PETROLEUM AND ITS PRODUCTS

GULF REFINING COMPANY

GULF BUILDING

P. O. DRAWER 2100 · HOUSTON, TEXAS

W. C. CLEMONS
SUPERINTENDENT PRODUCTION

GULF PRODUCTION DIVISION

RECEIVED
MAR 14 1944
DEPARTMENT OF MINERALS
LAKE CHARLES

March 13, 1944

Department of Conservation
Division of Minerals
State of Louisiana
331 Broad Street,
Lake Charles, La.

Re:-The Lacassane Co.,Inc.Lse #36850,
Hayes, Jefferson Davis Parish, La.
Well #1 ~~WILD CAT WELL~~

Gentlemen:-

Attached hereto is Gulf Refining Company, Gulf Production Division Voucher, Audit No.2-386, Treas. No.1518, dated February 24, 1944 in the amount of $50.00, covering our application for permit to drill the above well.

Also attached is plat and Department of Conservation Card, in duplicate, showing the location of our proposed well.

Please mail permit to Mr. W. C. Clemons, P. O. Box 2100, Houston 1, Texas.

Yours very truly,

W. C. Clemons

W. C. CLEMONS

WRR/to
cc: Department of Conservation
Baton Rouge, La.

March 14th, 1944.

Mr. H. W. Bell, Director
Division of Minerals
Capitol Building
Baton Rouge, Louisiana

Dear Mr. Bell:

Enclosed herewith please find application to drill the following wells:

Hayes Field, Calcasieu Parish, Gulf Refining Company-Gulf Production Division, The Lacassane Company #1.

Enclosed also is check in the amount of $50.00 to cover permit fee.

Yours very truly,

Frank J. Fava, Jr., Mgr.
Lake Charles, Louisiana

FJFjr/fos

STATE OF LOUISIANA DEPARTMENT OF MINERALS

AFFIDAVIT OF TEST OF CASING IN WELL

AND

APPLICATION FOR CLEARANCE

PERMIT NO. 13733 SERIAL NO. 29203 DATE 7-5 — 1944

OPERATOR Gulf Refg Co FIELD Hayes ELEV D.F. ____

LEASE Lacasiene # WELL NO. 1 SEC. 19 TWP. 11S RGE. 5W

SIZE OF CASING 13 3/8 IN. WT. PER FT. 53.50 LBS. MAKE National

NO. OF THREADS PER IN. 8 GRADE J55 SEAMLESS ✓ NEW ✓ 2nd ____

IF SECOND-HAND, WAS PIPE TESTED ____ DESCRIBE ____

DEPTH LANDED BELOW DERRICK FLOOR 2549 FEET. SACKS OF CEMENT 1000

SIZE OF HOLE 18 1/2 IN. AMOUNT OF CEMENT LEFT IN PIPE 30 feet

METHOD OF CEMENTING Halliburton CEMENT SET 24 HOURS UNDER 600 LBS.

PRESSURE. TOTAL TIME SET 170 HOURS.

* * * * * * * * * * * * * * * *

DETAILS OF PRESSURE TEST BEFORE DRILLING PLUG:

DATE OF TEST: 7-10 1944. GAUGE PRESSURE ON CASING 1000 LBS.

PRESSURE AT END OF THIRTY MINUTES (30) 1000 DROP None LBS.

TEST FLUID: WATER ✓ MUD ____ LBS. PER GAL. VISCOSITY ____ SEC.

TYPE & WORKING PRESSURE OF BLOWOUT PREVENTOR: Cameron & Hydrill 6000# Test

REMARKS ____

WITNESS: A Simon

TITLE: Foreman

COMPANY: Gulf Refg Co

Sketch of Blowout preventor hook-up on reverse side.

OPERATOR: Gulf Refg Co

TITLE: Owner

DEPARTMENT OF MINERALS
DISTRICT OFFICE Lake Charles

BY: S P Chiasson

TITLE: Inspector

RECEIVED
SEP 23 1944
DEPARTMENT OF MINERALS
LAKE CHARLES

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION
MINERALS DIVISION

AFFIDAVIT OF TEST OF CASING IN WELL AND APPLICATION FOR CLEARANCE

COMPANY: Gulf Refining Co-Gulf Prod.Division DATE: Aug.31st1944.

WELL NAME & NO.: Lacassane Co#1 PERMIT NO.: 13733 SERIAL NO.: 29203

LOCATION: SECTION: 19 TOWNSHIP: 11-S RANGE: 5-W PARISH: Jefferson Davis

SURFACE: ( ): PRODUCING: ( ): OTHERS: ( )

We, the undersigned, have set the following casing in the above named well: 8981' feet of 9-5/8" inch, weighing 53.50# pounds per foot, which was manufactured by: National Tube Co of "A" grade of steel, with 8 Rd threads per inch of the following description: (SEAMLESS-LAPWELD) (NEW - SECONDHAND). (IF SECOND HAND, insert here description of pressure test made on pipe:

This casing was landed 17.57 feet below the derrick floor in 12¼ inch diameter open hole, with 1500 sacks of cement by the Halliburton Pump method. 32 feet of cement was left in casing. Cement set for a period of 120 hours under a pressure of 600 pounds per square inch. Total time for cement set was 120 hours.

Casing has been tested under a pressure of 2000 pounds per square inch, and at the end of thirty minutes, pressure had declined 0 pounds per square inch.

This casing has been set and tested according to the laws of the State of Louisiana, and the Rules and Regulations of the Department of Conservation, Minerals Division, and the Gulf Refg Co-Prod Div Company hereby makes application to: CONTINUE DRILLING - COMPLETE WELL.

WITNESS: DRILLING SUPERINTENDENT FOR THE COMPANY

For the Department of Conservation DRILLER ON DUTY WHEN TEST WAS MADE.

CERTIFICATE OF CASING CLEARANCE

THE DIVISION OF MINERALS, having received the above affidavit, signed by representatives of the Company named hereon, including data showing that all of the laws of the State of Louisiana, and the Rules and Regulations of the Division of Minerals have been complied with, approve this well for: CONTINUE DRILLING - COMPLETION OF WELL.

DISTRICT MANAGER FOR DIVISION OF MINERALS

NOTE: This form to be filled out for all types of casing test. This report and affidavit to be FILED IN TRIPLICATE with the Division of Minerals District Office on the same date test is made.

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Abandon #91

WORK PERMIT

PERMIT TO: Abandon DATE: November 29, 1944
PARISH: Jefferson Davis FIELD: Hayes
COMPANY: Gulf Refg. Co. Gulf Prod. Div
ADDRESS: P.O. Drawer 2100 Houston, Texas
WELL NAME: The Lacassane Co., Inc NO. 1 SEC 19 T. 11S R. 5W
WELL PERMIT SERIAL NO.: 29203 WORK PERMIT NO.:
LOCATION: 672.6'E along the SL fr. the SW cor. of the SE¼ of Sec. 19, & 660'N at R/A to said line, Sec. 19, T-11S, R-5W
YOU ARE HEREBY AUTHORIZED TO: Plug & Abandon
Will run 100' cement plug below and 100' plug above bottom of surface casing and 10 sx plug at top of surface casing. Hole junked and abandoned. *TD 9226'
PERMIT REQUESTED BY: W.C. Clemons
Company Representative

AUTHORIZED BY:
Arsene P. Edwards, Acting Mgr.
District Office Lake Charles, Louisiana

FORM DM 4R 25M

* Will drill No. 1 (Hole 2)

PETROLEUM AND ITS PRODUCTS

GULF REFINING COMPANY

GULF BUILDING

W. C. CLEMONS
SUPERINTENDENT PRODUCTION

P. O. DRAWER 2100 · HOUSTON 1, TEXAS

GULF PRODUCTION
DIVISION

RECEIVED
NOV 30 1944
DEPARTMENT OF MINERALS
LAKE CHARLES

November 29th, 1944

Reference: The Lacassane Company, Inc., Lease #56850, Hayes, Jefferson Davis Parish, Louisiana

Department of Conservation
Minerals Division
Lake Charles, Louisiana

Dear Sir:

Attached hereto is Department of Conservation Form No. MD-11R in duplicate, furnished in connection with our application for permit to plug and abandon Well No. 1 on the above lease.

This hole was junked and abandoned at 9226 feet and application will be made for permit to drill Well No. 1 (Hole #2) at approximately the same location.

Very truly yours,

W. C. CLEMONS

WRR:aw
cc: Department of Conservation
Baton Rouge, Louisiana

Wadley

PETROLEUM AND ITS PRODUCTS

GULF REFINING COMPANY

GULF BUILDING

W. C. CLEMONS
SUPERINTENDENT PRODUCTION

P. O. DRAWER 2100 · HOUSTON 1, TEXAS

GULF PRODUCTION DIVISION

RECEIVED
DEC 8 1944
DEPARTMENT OF MINERALS
LAKE CHARLES

December 7th, 1944

Department of Conservation
Division of Minerals
331 Broad Street
Lake Charles, La.

Gentlemen:

Attached herto are three copies of Schlumberger Runs Composite of The Lacassane Company, Inc., Well No. 1 at Hayes, Jefferson Davis Parish, Louisiana.

These in accordance with the requirements of the Department of Conservation.

Very truly yours,

W. C. CLEMONS

/aw
cc: Department of Conservation
Baton Rouge, Louisiana

December 8, 1944

Mr. F.V. Carter, Chief Engineer
Division of Minerals
Capitol Building
Baton Rouge, Louisiana

Dear Sir:

Find enclosed two (2) copies of Schlumberger of Gulf Refining Company's plugged and abandoned Laccassine Company, Inc. Well #1, Hayes Field, Jefferson Davis Parish, Louisiana.

Yours very truly,

Arsene P. Edwards
Acting Manager
Lake Charles, La.

APE/mbh

Esleeck
Fidelity Onion Skin
MADE IN U.S.A.

RECEIVED
DEC 16 1944
DEPARTMENT OF MINERALS
LAKE CHARLES

PETROLEUM AND ITS PRODUCTS

GULF REFINING COMPANY

GULF BUILDING

W. C. CLEMONS
SUPERINTENDENT PRODUCTION

P. O. DRAWER 2100 · HOUSTON 1, TEXAS

GULF PRODUCTION
DIVISION

December 13th, 1944

Department of Conservation
331 Broad Street
Lake Charles, Louisiana

Reference: The Lacassane Co., Inc.
Hayes, Jefferson Davis, Parish, La.
Well No. 1

Gentlemen:

Please find attached herto Driller's Log, in triplicate, on the above named Gulf Refining Company, Gulf Production Division Well.

Permit #13733-Serial #29203
issued March 15th, 1944

Very truly yours,

W. C. CLEMONS

aw
attach
cc: Department of Conservation
Baton Rouge, Louisiana

REPORT

and

PLAN

of

This survey distributed at meeting in Baton Rouge

SUB-SURFACE SURVEY

For

COASTAL STATES GAS PRODUCING COMPANY

MICKEY CUSAK TRUSTEE - ANDRUS UNIT NO.1 - WELL NO. 1

sec 17 - 11S - R5W - HAYES FIELD

CALCASIEU PARISH, LOUISIANA

Serial # 90022 - Permit # 74611

Plotted below

RECEIVED
JUL 23 1962
DEPARTMENT OF MINERALS
LAKE CHARLES

JOB NO. 1162

DATE July 20, 1962

SHELTON OIL SERVICE COMPANY

DIRECTIONAL DRILLING

Houston 45, Texas

December 16, 1944

Mr. F.V. Carter, Chief Engineer
Division of Minerals
Capitol Building
Baton Rouge, Louisiana

Dear Sir:

Find enclosed two (2) copies of "Log of Well" of Gulf Refining Company's plugged and abandoned well Lacassane Company Inc. #1, Hayes Field, Jefferson Davis Parish, Louisiana.

I have sent you, under separate cover, the Gulf's application for a permit to drill Lacassane Company Inc. Well #1 Hole #2.

Yours very truly,

Arsene P. Edwards
Acting Manager
Lake Charles, La.

APE/mbh

Mr. F.V. Gabber, Chief Engineer
Division of Minerals
Capitol Building
Baton Rouge, Louisiana

Dear Sir:

[illegible]

[illegible]

Yours [illegible]

[illegible]

APE/mbh

POTENTIAL REPORT

OIL WELL _____ COMPLETION _____

DISTILLATE WELL X RECOMPLETION _____

* * * * * * * * * * * * *

GAS WELL _____ RETEST X

PARISH Calcasieu TIME GAUGED 24 HOUR

FIELD Hayes OPENING TANK GAUGE 1' 7 3/4"

WELL NAME & NO. Calcasieu Bank #2 CLOSING TANK GAUGE 2' 2 1/2"

COMPANY Gulf Refining Company DIFFERENCE 6 3/4"

PERMIT NO. 10886 SERIAL NO. 26858 TANK NUMBER 6

LOCATION: SEC. 18 TWP. 11S RANGE 5W TANK COEF. (BBLS.PER INCH) 8.41

DATE COMPLETED April 30, 1942 BARRELS PER 24 HOURS 56.51

DATE GAUGED September 26, 1945 ESTIMATED BBLS. PER DAY 56.51

FLOWING OR PUMPING Flowing CHOKE SIZE 12/64 TYPE Positive

PRODUCING HORIZON _____ DAILY GAS VOLUME 1604.77 "M". CU. FEET.

PRODUCING FROM 11623 TO 11670 GAS/OIL RATIO: 28354/1

PERFORATED FROM " TO " TUBING PRESSURE 4250 LBS. SQ. IN.

CASING SEAT 11784' FEET CASING PRESSURE Sealed LBS. SQ. IN.

TUBING: SIZE 2½ IN. BOTTOM 11631' PERCENT B.S. &/OR S.W. XXXX P.L.O.

TOTAL DEPTH 11784' CORRECTED GRAVITY 47.* DEGREES A.P.I.

ACIDIZED WITH _____ GALLONS. ELEVATION OF DERRICK FLOOR _____

WITNESSED A. Simon GAUGED BY S.P. Chiasson
Inspector or Engineer, DEPARTMENT OF MINERALS

TITLE _____ DISTRICT OFFICE Lake Charles, Louisiana

CURRENT DATE September 26, 1945

REMARKS Static: 350# Diff: 38" 4" x 1½" Flange Con.

*THOUSANDS

Form SDM #2.

Total 3369.

3500 MCF effective 9/19/45 851.494 164103 14.06 235

Cancel previous of 1500 MCF

45.1120 1" 1120# 4X2 Plate

51076.125 226.0

POTENTIAL REPORT

OIL WELL _____ COMPLETION _____

DISTILLATE WELL ✓ RECOMPLETION _____

GAS WELL _____ * * * * * * * * * * * * * * * RETEST ✓

PARISH Calcasieu

FIELD Hayes

WELL NAME & NO. Cal Bank #2

COMPANY Gulf Refg Co

PERMIT NO. 10885 SERIAL NO. 26358

LOCATION: SEC. 18 TWP. 11 S RANGE 5 W

DATE COMPLETED April 30 - 1942

DATE GAUGED 9-26-45

FLOWING OR PUMPING Flowing

PRODUCING HORIZON _____

PRODUCING FROM 11623 TO 11670

PERFORATED FROM 11623 TO 11670

CASING SEAT 11784 FEET

TUBING: SIZE 2 1/2 IN. BOTTOM 11531

TOTAL DEPTH 11784

ACIDIZED WITH _____ GALLONS.

WITNESSED [signature]

TITLE _____

TIME GAUGED 24 hrs HOUR

OPENING TANK GAUGE 1-7 3/4

CLOSING TANK GAUGE 2-2 1/2

DIFFERENCE 6 3/4 in

TANK NUMBER 8

TANK COEF. (BBLS. PER INCH) 5.41

BARRELS PER 24 HOURS 36.51 ✓

ESTIMATED BBLS. PER DAY 36.51

CHOKE SIZE 12/64 TYPE Positive

DAILY GAS VOLUME 1604.77 *"M". CU. FEET.

GAS/OIL RATIO: 43954/1

TUBING PRESSURE 4250 LBS. SQ. IN.

CASING PRESSURE Sealed LBS. SQ. IN.

PERCENT B.S. &/OR S.W. PLD

CORRECTED GRAVITY 47. DEGREES A.P.I.

ELEVATION OF DERRICK FLOOR _____

GAUGED BY S P Chiasson
Inspector or Engineer, DEPARTMENT OF MINERALS
DISTRICT OFFICE Lake Charles

CURRENT DATE 9-26-45

REMARKS 350# 36 diff 4 X 1 1/2 flange Con 13999.2

13140.9 | 114.133

*THOUSANDS

Form SDM #2.

RECEIVED
FEB 19 1947
DEPARTMENT OF MINERALS
LAKE CHARLES

PETROLEUM AND ITS PRODUCTS

GULF REFINING COMPANY

GULF BUILDING

P. O. DRAWER 2100 · HOUSTON 1, TEXAS

GULF PRODUCTION DIVISION

J. H. RUSSELL
VICE-PRESIDENT

February 17, 1947

Department of Conservation
Division of Minerals
State of La.
331 Broad Street
Lake Charles, La.

Re: Hayes Unit #1, Well #2,
Hayes, Calcasieu Parish, La.

Gentlemen:

We are attaching Form MD-10-R and certified plat in duplicate, covering a redesignation of the above named well.

This well was originally completed 4-20-42 as Calcasieu National Bank, et al "D" #2, for which we were issued Permit #10885, Serial #26358 dated August 1, 1941.

It is requested that we be authorized to redesignate this well as Hayes Unit #1, Well #2.

Yours very truly,

J. H. Russell

CW/adl
cc: Dept. of Conservation
Baton Rouge, La.

February 19, 1947

Mr. F.V. Carter, Chief Engineer
Department of Conservation
State Capitol Building
Baton Rouge, Louisiana

Dear Sir:

Find enclosed application of the Gulf Refining Company to change name of well from Calcasieu National Bank et al #2 (Serial #26358) to Hayes, Unit #1, Well #2, Hayes Field, Calcasieu Parish, Louisiana.

Yours very truly,

ARSENE P. EDWARDS
District Manager
Lake Charles, La.

APE:mbh
Encls.

MINERALS DIVISION
DEPARTMENT OF CONSERVAT
STATE OF LOUISIANA

Workover
L.C. #9

WORK PERMIT

PERMIT TO: Workover DATE: March 12, 1947
PARISH: Calcasieu FIELD: Hayes
COMPANY: Gulf Refining Company - Gulf Production Div.
ADDRESS: Hayes, Louisiana
WELL NAME: Calcasieu National* NO. 2 SEC. 18 T. 11S R. 5W
WELL PERMIT SERIAL NO.: 26358 WORK PERMIT NO.:
LOCATION: 1150' East and 330' South of Northwest Corner of Southwest Quarter of Southeast Quarter
YOU ARE HEREBY AUTHORIZED TO: Kill Well and pull and reset tubing.

*Bank "D"
TD 11,784'

PERMIT REQUESTED BY: A. Simon
Company Representative

AUTHORIZED BY:
ARSENE P. EDWARDS, District Manager
Lake Charles, District Office Louisiana

Form DM-4R

RECEIVED
APR 16 1947
DEPARTMENT OF MINERALS
LAKE CHARLES

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

LAKE CHARLES DISTRICT

WELL COMPLETION OR RECOMPLETION REPORT

OIL WELL (____)

DIS. WELL(X)

GAS WELL (____)

NOTE
One copy to be filed with District Office within three (3) days of date of completion or recompletion (as per Order No. 29-A, Section X, Paragraph A, Article 1.)

COMPLETION (____)

RECOMPLETION(X)

PERMIT SERIAL NO. 26358

PARISH CALCASIEU FIELD HAYES SEC. 18 TWP. 11S RGE. 5-W

COMPANY GULF REFINING COMPANY GULF PRODUCTION DIVISION LEASE HAYES UNIT # 1 WELL NO. 2

DRILING CONTRACTOR COMPANY TOOLS DATE SPUDDED (OR W.O.) MARCH 10, 1947

DATE COMPLETED OR RECOMPLETED APRIL 10TH 1947, AT ____ A.M. 6:00 P.M.

ex Bark "D" well

COMPLETION DATA:

INITIAL PRODUCTION 164 BBLS/DAY (NET)

TUBING PRESSURE 3750 #/SQ.IN.GA. FLOWING (___) SHUT IN (___)

CASING PRESSURE ZERO #/SQ.IN.GA.

CHOKE . . . . . SIZE ____ POSITIVE (___) ADJUSTABLE (X)

B. S. & W. 11% PERCENT FRESH WATER / SALT WATER (___) WASH WATER(__)

GAS VOLUME 10,420 MCF/DAY

GAS/OIL RATIO 63,600 TO ONE CF/BBL.

GRAVITY 45.3 (60° -A.P.I.)

PRODUCING DEPTH 11,625' FT. TO 11,670' FT. (Original perf)

SET 7 x 2-1/2" TYPE JSA HOOKWALL-PACKER AT 9800' AND TIW PACKER AT 11509'

PERFORATED YES (___) NO (___) BOTTOM TUBING 11,497.74' FT. / SIZE 2-7/8" IN.

CASING (OIL STRING) SIZE 7" IN. I.D.(___) O.D.(x) BOTTOM(SEAT) 11578' FT.

5-9/16" LINER AT 11683.70'

TOTAL DEPTH DRILLED 11685' FT. DERRICK FLOOR ELEVATOR 16.00' FT.

Additional clearance is requested for 147.54 barrels of oil produced on drill-stem or other production tests. (See Section X, Paragraph B, of Order No. 29-A on reverse side.

WELL CLOSED IN - NO ALLOWABLE REQUESTED

GULF REFINING CO., GULF PRODUCTION DIVISION
COMPANY

M R Redick

M. R. Redick, Div Supt
COMPANY REPRESENTATIVE

FORM - SDM - 1-R

(OVER)

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

This side to be used when requesting clearance for oil produced on Drill Stem Test or other production tests; made previous to official completion or recompletion.

Section X, Paragraph B of Order No. 29-A

Allowables given to wells for oil produced on drill stem tests, production test and any miscellaneous production of oil shall be in accordance with the following rule:

All operators are required, within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production; as "from 8:00 A.M., August 5th, to 3:00 P.M., August 8th, 1942."

DATE OF TEST	TEST DATA TIME OF TEST	AMOUNT OF OIL PRODUCED
APRIL 10TH 19 47	6:00 P.M. TO ____ .M.	91.77 BARRELS
APRIL 11TH 19__	____ .M. TO 9:30 P .M.	55.77 BARRELS
____ 19__	____ .M. TO ____ .M.	____ BARRELS
____ 19__	____ .M. TO ____ .M.	____ BARRELS
____ 19__	____ .M. TO ____ .M.	____ BARRELS
____ 19__	____ .M. TO ____ .M.	____ BARRELS
____ 19__	____ .M. TO ____ .M.	____ BARRELS
____ 19__	____ .M. TO ____ .M.	____ BARRELS
____ 19__	____ .M. TO ____ .M.	____ BARRELS
____ 19__	____ .M. TO ____ .M.	____ BARRELS
____ 19__	____ .M. TO ____ .M.	____ BARRELS
TOTAL:		147.54 BARRELS

The above total barrels of oil was produced from 1'10-3/4" Ft. to 2'7-1/2" Ft.

REMARKS:

GULF REFINING CO., GULF PRODUCTION DIV
COMPANY

Div Supt
COMPANY REPRESENTATIVE

FORM SDM-1-R
(OVER)

RECEIVED
APR 16 1947
DEPARTMENT OF MINERALS
LAKE CHARLES

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

LAKE CHARLES DISTRICT

WELL COMPLETION OR RECOMPLETION REPORT

OIL WELL (____)
DIS. WELL(X)
GAS WELL (____)

NOTE
One copy to be filed with District Office within three (3) days of date of completion or recompletion (as per Order No. 29-A, Section X, Paragraph A, Article 1.)

COMPLETION (____)
RECOMPLETION(X)
PERMIT SERIAL NO. 26358

PARISH CALCASIEU FIELD HAYES SEC. 18 TWP. 11S RGE. 5-W

COMPANY GULF REFINING COMPANY GULF PRODUCTION DIVISION LEASE HAYES UNIT # 1 WELL NO. 2

DRILLING CONTRACTOR COMPANY TOOLS DATE SPUDDED (OR W.O.) MARCH 10, 1947

DATE COMPLETED OR RECOMPLETED APRIL 10TH 1947, AT ____ A.M. 6:00 P.M.

COMPLETION DATA:

INITIAL PRODUCTION 164 BBLS/DAY (NET)

TUBING PRESSURE 3750 #/SQ.IN.GA. FLOWING (___) SHUT IN (____)

CASING PRESSURE ZERO #/SQ.IN.GA.

CHOKE . . . . . SIZE _____ POSITIVE (___) ADJUSTABLE (X)

B. S. & W. 11% PERCENT FRESH WATER / SALT WATER (____) WASH WATER(__)

GAS VOLUME 10,420 MCF/DAY

GAS/OIL RATIO 63,600 TO ONE CF/BBL.

GRAVITY 45.3 (60° -A.P.I.)

PRODUCING DEPTH 11,625' FT. TO 11,670' FT. (Original perf)

SET 7 x 2-1/2" TYPE JSA HOOKWALL PACKER AT 9800' AND TIW PACKER AT 11509'

PERFORATED YES (____) NO (_____) BOTTOM TUBING 11,497.74' FT. / SIZE 2-7/8" IN.

CASING (OIL STRING) SIZE 7" IN. I.D.(___) O.D.(X)BOTTOM(SEAT) 11578' FT.

5-9/16" LINER AT 11683.70'

TOTAL DEPTH DRILLED 11685' FT. DERRICK FLOOR ELEVATOR 16.00' FT.

Additional clearance is requested for 147.54 barrels of oil produced on drill-stem or other production tests. (See Section X, Paragraph B, of Order No. 29-A on reverse side.

WELL CLOSED IN - NO ALLOWABLE REQUESTED

GULF REFINING CO., GULF PRODUCTION DIVISION
COMPANY

M. R. Redick, Div Supt
COMPANY REPRESENTATIVE

FORM - SDM - 1-R
(OVER)

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

This side to be used when requesting clearance for oil produced on Drill Stem Test

or other production tests; made previous to official completion or recompletion.

Section X, Paragraph B of Order No. 29-A

Allowables given to wells for oil produced on drill stem tests, production test and any miscellaneous production of oil shall be in accordance with the following rule:

All operators are required, within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production; as "from 8:00 A.M., August 5th, to 3:00 P.M., August 8th, 1942."

TEST DATA

DATE OF TEST	TIME OF TEST	AMOUNT OF OIL PRODUCED
APRIL 10TH 19 47	6:00 P.M. TO .M.	91.77 BARRELS
APRIL 11TH 19	.M. TO 9:30 P .M.	55.77 BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
TOTAL:	1'10-3/4"	147.54 BARRELS

The above total barrels of oil was produced from ____ Ft. to 2'7-1/2" Ft.

REMARKS:

GULF REFINING CO., GULF PRODUCTION DIV
COMPANY

Div Supt
COMPANY REPRESENTATIVE

FORM -SDM-1-R
(OVER)

RECEIVED
APR 16 1947
DEPARTMENT OF MINERALS
LAKE CHARLES

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

LAKE CHARLES DISTRICT

WELL COMPLETION OR RECOMPLETION REPORT

OIL WELL (____)

DIS. WELL(X)

GAS WELL (____)

NOTE
One copy to be filed with District Office within three (3) days of date of completion or recompletion (as per Order No. 29-A, Section X, Paragraph A, Article 1.)

COMPLETION (____)

RECOMPLETION(X)

PERMIT SERIAL NO. 26356

PARISH CALCASIEU FIELD HAYES SEC. 18 TWP. 11S RGE. 5-W

COMPANY GULF REFINING COMPANY GULF PRODUCTION DIVISION LEASE HAYES UNIT # 1 WELL NO. 2

DRILLING CONTRACTOR COMPANY TOOLS DATE SPUDDED (OR W.O.) MARCH 10, 1947

DATE COMPLETED OR RECOMPLETED APRIL 10TH 19 47, AT ____ A.M. 6:00 P.M.

COMPLETION DATA:

INITIAL PRODUCTION 164 BBLS/DAY (NET)

TUBING PRESSURE 3750 #/SQ.IN.GA. FLOWING (__) SHUT IN (____)

CASING PRESSURE ZERO #/SQ.IN.GA.

CHOKE . . . . . SIZE ____ POSITIVE (____) ADJUSTABLE (X)

B. S. & W. 11% PERCENT FRESH WATER / SALT WATER (____) WASH WATER(__)

GAS VOLUME 10,420 MCF/DAY

GAS/OIL RATIO 63,600 TO ONE CF/BBL.

GRAVITY 45.3 (60° -A.P.I.)

PRODUCING DEPTH 11,625' FT. TO 11,670' FT. (Original perf)

SET 7 x 2-1/2" TYPE JSA HOOKWALL PACKER AT 9800' AND TIW PACKER AT 11509'

PERFORATED YES (____) NO (____) BOTTOM TUBING 11,497.74' FT. / SIZE 2-7/8" IN.

CASING (OIL STRING) SIZE 7" IN. I.D.(__) O.D.(X)BOTTOM(SEAT) 11578' FT.

5-5/16" LINER AT 11683.70'

TOTAL DEPTH DRILLED 11685' FT. DERRICK FLOOR ELEVATOR 16.00' FT.

Additional clearance is requested for 147.54 barrels of oil produced on drill-stem or other production tests. (See Section X, Paragraph B, of Order No. 29-A on reverse side.

WELL CLOSED IN - NO ALLOWABLE REQUESTED

GULF REFINING CO., GULF PRODUCTION DIVISION
COMPANY

M. R. Redick
M. R. Redick, Div Supt
COMPANY REPRESENTATIVE

FORM - SDM - 1-R
(OVER)

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

This side to be used when requesting clearance for oil produced on Drill Stem Test

or other production tests; made previous to official completion or recompletion.

Section X, Paragraph B of Order No. 29-A

Allowables given to wells for oil produced on drill stem tests, production test and any miscellaneous production of oil shall be in accordance with the following rule:

All operators are required, within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production; as "from 8:00 A.M., August 5th, to 3:00 P.M., August 8th, 1942."

TEST DATA

DATE OF TEST	TIME OF TEST	AMOUNT OF OIL PRODUCED
APRIL 10TH 19 47	6:00 P.M. TO ____ .M.	91.77 BARRELS
APRIL 11TH 19__	____ .M. TO 9:30 P .M.	55.77 BARRELS
____ 19__	____ .M. TO ____ .M.	____ BARRELS
____ 19__	____ .M. TO ____ .M.	____ BARRELS
____ 19__	____ .M. TO ____ .M.	____ BARRELS
____ 19__	____ .M. TO ____ .M.	____ BARRELS
____ 19__	____ .M. TO ____ .M.	____ BARRELS
____ 19__	____ .M. TO ____ .M.	____ BARRELS
____ 19__	____ .M. TO ____ .M.	____ BARRELS
____ 19__	____ .M. TO ____ .M.	____ BARRELS
____ 19__	____ .M. TO ____ .M.	____ BARRELS
TOTAL:	1'10-3/4"	147.54 BARRELS

The above total barrels of oil was produced from ____ Ft. to 2'7-1/2" Ft.

REMARKS:

GULF REFINING CO., GULF PRODUCTION DIV
COMPANY

Div Supt.
COMPANY REPRESENTATIVE

FORM -SDM-1-R
(OVER)

Workover
L.C.# 54

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

WORK PERMIT

PERMIT TO Workover DATE 10-12-48

PARISH Calcasieu FIELD Hayes

COMPANY Gulf Refining Co., Gulf Prod. Div.

ADDRESS Box 67, Hayes, La.

WELL NAME Hayes Unit #1 NO. 2 SEC. 18 T. 11S R. 5W

WELL PERMIT SERIAL NO. 10865 WORK PERMIT NO.

LOCATION 1130' E & 330' S. of NW cor. of S½ of SE¼ of Sec. 18.

YOU ARE HEREBY AUTHORIZED TO Pull & replace 2 7/8" tubing and packer.

TD

PERMIT REQUESTED BY F.F. Tidwell
Company Representative

AUTHORIZED BY
ARSENE P. EDWARDS
District Office
LAKE CHARLES, LA.

Form DM-4R
20M 5-48 1859

Perforate
L. C. # 280

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

WORK PERMIT

PERMIT TO Perforate DATE 11-1-48

PARISH Calcasieu FIELD Hayes

COMPANY Gulf Refg. Co. Gulf Prod. Div.

ADDRESS Box 67, Hayes, La.

WELL NAME Hayes Unit #1 NO. 2 SEC. 18 T. 11S R. 5W

WELL PERMIT SERIAL NO. 10885 WORK PERMIT NO.

LOCATION 1130' E & 330' S of NW cor. of SW¼ of SE¼ of Sec. 18

YOU ARE HEREBY AUTHORIZED TO Perforate 5 9/16" O.D. liner from 11582' to 11606' to take in additional well section. 8 holes per ft.

TD 11784'

PERMIT REQUESTED BY F. F. Tidwell
Company Representative

AUTHORIZED BY
ARSENE P. EDWARDS
District Engineer
LAKE CHARLES

Form DM-4R
20M 5-48 1859

RECEIVED
NOV 5 1948
DEPARTMENT OF MINERALS
LAKE CHARLES

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

- PERFORATING RECORD -

WORK PERMIT NO. 10885
WORK SERIAL NO. 26350

DATE WORK DONE 11/8/48

(One Copy to be filed with the District Office)

NOTE:
THIS REPORT WILL BE RETURNED IF NOT PROPERLY FILLED IN AND SIGNED

PARISH Calcasieu FIELD Hayes SEC 18 TWP 11S RGE 5W

COMPANY Gulf Oil Co LEASE ~~Calcasieu~~ Hayes Unit #1 WELL NO. 2

TOTAL DEPTH 11,685 NEW OR OLD WELL Old Well

SIZE CASING 5 9/16 DEPTH OF CASING

DEPTH OF PLUG BELOW PERFORATIONS 11,678.09 Pipe measurements

PERFORATED FROM 11,606 TO 11,582

NUMBER OF HOLES 19 SIZE OF HOLES 1/2

4" Gun
24 Shots
3 5/8

PERFORATING COMPANY Lane Wells TRUCK NUMBER 18

PURPOSE OF PERFORATIONS For production

REMARKS: Shooting nipple installed with Lane Wells pack off - Cameron QRCRP attached with Hydrill part of Well head equipment Cameron master gate valve

THIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF CONSERVATION, MINERALS DIVISON.

Visit
Roland L. Romero

SIGNED: Gulf Oil Co Gulf Prod Div.
COMPANY

F. F. Tidwell
Representative

Form
Perf - MD4

LANE-WELLS COMPANY **PERFORATING** Number Jobs This Trip ONE.

Sales Order No. A-33040

District South Louisiana Operating Base Lake Charles Date Nov. 3-48

Truck No. 18 Operator W. H. Britt Helper Ledoux - Vice

Customer Gulf Ref. Co. Prod Div. Ordered by Mr Tidwell

Mileage: From _____ to _____ Miles

Mileage: From _____ to _____ Miles

PERFORATING INSTRUCTIONS—Given By Mr White

Name of Well Hayes Unit No 1 No. 2 Field Hayes

State La County/Parish Calcasieu

Bullet Size 4" Rattleshot Holes from 11606 to 11582 Ft. 192 Holes from 11606 to 11582 Ft. Holes from _____ to _____ Ft.

Holes from _____ to _____ Ft. Shooting Zone Approved By [signature]

TO LANE-WELLS COMPANY: Permit Verbal

CONDITIONS OF THIS CONTRACT

You are hereby requested to furnish the service and materials and equipment herein set forth upon the following terms and conditions, to wit:

The undersigned, as customer, agrees to pay you for the service and/or materials ordered hereunder at the office of Lane-Wells Company, in the City, County, and State from which the invoice originates. Should any account not be paid within the term fixed by the invoice, interest will be charged at the rate of six per cent per annum from the date of such invoice.

In the event you employ an attorney to enforce any claim of indebtedness against the undersigned customer, said customer agrees to pay all costs of collection and reasonable attorneys' fees which, in no event, shall be less than the sum of $75.00.

Because of the uncertain and unknown conditions and the hazards existing in connection with the rendering of your field service, and because of physical conditions existing in an oil well which are not subject to your control, customer agrees that you do not guarantee the results of your service, and that you will not be held liable for injury to persons or property arising from any cause whatsoever in the performance of such field service by you.

Should any of your instruments, tools, or equipment be lost or destroyed in the rendition of your service, customer agrees to use all reasonable diligence and facilities available to recover the same, and customer agrees to reimburse you for the reasonable value of any instruments, tools, or other personal property that cannot be recovered, or for the cost of repairing any damage to items recovered.

Customer agrees that any service or services rendered by you hereafter shall be deemed to be rendered on the same terms and conditions as herein set forth.

Customer agrees that all depth measurements shall be made by it or its employees, and shall be supervised by customer or its employees.

Customer certifies that it is the owner of the well on which the work herein ordered is to be done; or that it has the full right and authority to order such work done on such well; and that the well in which the work is to be done by you is in proper and suitable condition for the performance of said work.

Customer further agrees that the terms and conditions herein set forth constitute the entire agreement and that no employee of your company is authorized to alter the terms hereof.

Customer's Order No. _____ Customer Gulf Ref Co. Prod Div. By [signature]

NO.	NO.	NO.	NO.	NO.	NO.	NO.
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						
16.						
17.					RECEIVED	
18.						
19.						
20.					NOV	18
21.						
22.					LAKE CHARLES	
23.						
24.						
25.						

FORM LA122 40M 12-45 M

Perforating Data

On Job _____ A.M. P.M. _____ M. Res. Off Job _____ A.M. P.M. _____ M. Res.

Standby Time _____ Max. Temp. _____ °F

New or Old Well _____ Purpose of Perforating _____ Kind of Fluid _____ Level _____

Casing Record _____ Cemented In _____ Liner Record _____ Cemented In _____

Customer's Depth _____ Measure Method _____ Zero Point _____

Lane-Wells Depth _____ Size Gun _____ No. _____ Controller _____ No. _____

RUNNING TIME	REMARKS
1) In From _____ to _____ A.M. P.M. Out From _____ to _____ A.M. P.M. Fluid _____ In _____ Out _____ Holes _____ Total _____	
2) In From _____ to _____ A.M. P.M. Out From _____ to _____ A.M. P.M. Fluid _____ In _____ Out _____ Holes _____ Total _____	
3) In From _____ to _____ A.M. P.M. Out From _____ to _____ A.M. P.M. Fluid _____ In _____ Out _____ Holes _____ Total _____	
4) In From _____ to _____ A.M. P.M. Out From _____ to _____ A.M. P.M. Fluid _____ In _____ Out _____ Holes _____ Total _____	
5) In From _____ to _____ A.M. P.M. Out From _____ to _____ A.M. P.M. Fluid _____ In _____ Out _____ Holes _____ Total _____	
6) In From _____ to _____ A.M. P.M. Out From _____ to _____ A.M. P.M. Fluid _____ In _____ Out _____ Holes _____ Total _____	
7) In From _____ to _____ A.M. P.M. Out From _____ to _____ A.M. P.M. Fluid _____ In _____ Out _____ Holes _____ Total _____	

RECEIVED
DEC 15 1948
DEPARTMENT OF MINERALS
LAKE CHARLES

POTENTIAL REPORT

OIL WELL _____ COMPLETION _____

DISTILLATE WELL _____ RECOMPLETION _____

* * * * * * * * * * * *

GAS WELL ✓ RETEST _____

PARISH Calcasieu TIME GAUGED 12 PM HOUR

FIELD Hayes OPENING TANK GAUGE 2' 4" 1/4

WELL NAME & NO. Hayes Unit # 1 Well #2 CLOSING TANK GAUGE 2' 10 1/2"

COMPANY Lucil Oil Co DIFFERENCE 6 1/4"

PERMIT NO. 10885 SERIAL NO. 26350 TANK NUMBER #3

LOCATION: SEC. 18 TWP. 11S RANGE 5W TANK COEF. (BBLS. PER INCH) Int Table

DATE COMPLETED 11/5/48 BARRELS PER 12 HOURS 42.16 net

DATE GAUGED 12/10 - 12/11 ESTIMATED BBLS. PER DAY 84.32 net

FLOWING OR PUMPING Flowing CHOCK SIZE Regulator TYPE _____

PRODUCING HORIZON _____ DAILY GAS VOLUME 12384.5 "M": CU. FEET

PRODUCING FROM _____ TO _____ GAS/OIL RATIO: 146875/1

PERFORATED FROM 11,578 ✓ TO 11,670 TUBING PRESSURE 39.50 LBS. SQ. IN.

CASING SEAT 11,578 FEET CASING PRESSURE _____ LBS. SQ. IN.

TUBING: SIZE 3 1/8 IN. BOTTOM 11,493 PERCENT B. S. &/OR S. W. 18%

TOTAL DEPTH 11,784 CORRECTED GRAVITY 47.4 DEGREES A.P.I.

ACIDIZE WITH _____ GALLONS. ELEVATION OF DERRICK FLOOR 16.25

WITNESSED Randolph Broussard Jr. GAUGED BY Leonor Dupuy / Leland L. Romero
Inspector or Engineer, DEPARTMENT OF CONSERVATION

TITLE _____ DISTRICT OFFICE Lake Chas.

CURRENT DATE 12/11/48

REMARKS: 350 # X 31" 6" X 2 1/2"

*THOUSANDS

Flows thru 2 testers & Regulator - to high pressure separator - then thru going to third tester to gas line - I line going to low pressure separator to tanks. Tubing pressure 42.00

100,175.7 | 316,505 39/29

Form SDM #2

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

RECEIVED
DEC 10 1948
DEPARTMENT OF MINERALS
LAKE CHARLES

Lake Charles DISTRICT

WELL COMPLETION OR RECOMPLETION REPORT

OIL WELL (_____)
DIS. WELL (XX)
GAS WELL (_____)

NOTE
One copy to be filed with District Office within three (3) days of date of completion or recompletion (as per Order No. 29-A, Section X, Paragraph A, Article 1.)

COMPLETION (____)
RECOMPLETION(XX)
PERMIT SERIAL NO. 10885

PARISH Calcasieu FIELD Hayes SEC. 18 TWP. 11 S RNG. 5-W

COMPANY Gulf Refining Company ~~Gulf Production Division~~ LEASE Hayes Unit #1 WELL NO. 2

DRILLING CONTRACTOR Steen Drilling Co. ~~DATE STUDDED~~ (OR W.O.) 11/20/48

DATE COMPLETED OR RECOMPLETED 12/5 1948, AT ____ A.M. 4:30 P.M.

COMPLETION DATA:

INITIAL PRODUCTION 179 BBLS./DAY (NET)

TUBING PRESSURE 3900 #/SQ.IN.GA. FLOWING (x) SHUT IN (____)

CASING PRESSURE Zero #/SQ.IN.GA.

CHOKE Regulator SIZE ____ POSITIVE (____) ADJUSTABLE (____)

B. S. & W. 15 PERCENT SALT WATER (15) WASH WATER (XX)

GAS VOLUME 5,750 MCF/DAY

GAS/OIL RATIO 32,123 CF/BBLS.

GRAVITY 47.4 (60° -A.P.I.)

PRODUCING DEPTH 11582' FT. TO 11670' FT.

PERFORATED YES (Yes) NO (____) BOTTOM TUBING 11515 FT. SIZE 2-7/8 IN. OD

CASING (OIL STRING) SIZE 7 IN. I.D. (___) O.D. (XX) BOTTOM STAT 11578' FT.

TOTAL DEPTH DRILLED 11685 FT. DERRICK FLOOR ELEVATION 16.65 FT.

Additional clearance is requested for - barrels of oil produced on drill-stem or other production tests. (See Section X, Paragraph B, of Order No. 29-A on reverse side.)

Gulf Refining Company,
Gulf Production Division
COMPANY

F. F. Tidwell
COMPANY REPRESENTATIVE
F. F. Tidwell - Field Foreman

FORM - SDM - 1-R
(Over)

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

This side to be used when requesting clearance for oil produced on Drill Stem Test or other production tests; made previous to official completion or recompletion.

Section X, Paragraph B of Order No. 29-A

Allowables given to wells for oil produced on drill stem tests, production test and any miscellaneous production of oil shall be in accordance with the following rule:

All operators are required, within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production; as "from 8:00 A.M., August 5th, to 3:00 P.M., August 8th, 1942."

DATE OF TEST	TEST DATA TIME OF TEST	AMOUNT OF OIL PRODUCED
12/9 19 48	8:00 A.M. TO 12:00 N.M.	29.87 BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
	TOTAL:	29.87 BARRELS

The above total barrels of oil was produced from * 08-3/4. to 1-3½" Ft.

REMARKS:
* 716 bbl. Horizontal tank.

COMPANY

COMPANY REPRESENTATIVE

FORM -SDM-1-R
(OVER)

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Lake Charles DISTRICT

WELL COMPLETION OR RECOMPLETION REPORT

OIL WELL ( )
DIS. WELL (XX)
GAS WELL ( )

NOTE
One copy to be filed with District Office within three (3) days of date of completion or recompletion (as per Order No. 29-A, Section X, Paragraph A, Article 1.)

COMPLETION ( )
RECOMPLETION (XX)
PERMIT SERIAL NO. 10885

PARISH Calcasieu FIELD Hayes SEC. 18 TWP. 11 S RNG. 5-W

COMPANY Gulf Refining Company Gulf Production Division LEASE Hayes Unit #1 WELL NO. 2

DRILLING CONTRACTOR Steen Drilling Co. DATE SPUDDED (OR W.O.) 11/20/48

DATE COMPLETED OR RECOMPLETED 12/5 1948, AT: A.M. 4:30 P.M.

COMPLETION DATA:

INITIAL PRODUCTION 179 BBLS./DAY (NET)

TUBING PRESSURE 3900 #/SQ.IN.GA. FLOWING (X) SHUT IN ( )

CASING PRESSURE Zero #/SQ.IN.GA.

CHOKE Regulator SIZE POSITIVE ( ) ADJUSTABLE ( )

B. S. & W. 15 PERCENT SALT WATER (15) WASH WATER (XX)

GAS VOLUME 5,750 MCF/DAY

GAS/OIL RATIO 32,123 CF/BBLS.

GRAVITY 47.4 (60°-A.P.I.)

PRODUCING DEPTH 11582' FT. TO 11670' FT.

PERFORATED YES (Yes) NO ( ) BOTTOM TUBING 11515 FT. SIZE 2-7/8 IN. OD

CASING (OIL STRING) SIZE 7 IN. I.D. ( ) O.D. (XX) BOTTOM SEAT 11578 FT.

TOTAL DEPTH DRILLED 11685 FT. DERRICK FLOOR ELEVATION 16.65 FT.

Additional clearance is requested for * barrels of oil produced on drill-stem or other production tests. (See Section X, Paragraph B of Order No. 29-A on reverse side.)

Gulf Refining Company,
Gulf Production Division
COMPANY

FORM - SDM - 1-R
(Over)

[illegible] Field Foreman
COMPANY REPRESENTATIVE

RECEIVED
DEC 10 '42
DEPARTMENT
LAKE

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

This side to be used when requesting clearance for oil produced on Drill Stem Test or other production tests; made previous to official completion or recompletion.

Section X, Paragraph B of Order No. 29-A

Allowables given to wells for oil produced on drill stem tests, production test and any miscellaneous production of oil shall be in accordance with the following rule:

All operators are required, within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production; as "from 8:00 A.M., August 5th, to 3:00 P.M., August 8th, 1942."

DATE OF TEST	TEST DATA TIME OF TEST	AMOUNT OF OIL PRODUCED
12/9 19 48	8:00A.M. TO 12:00 N.M.	29.87 BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
TOTAL:		29.87 BARRELS

The above total barrels of oil was produced from *08-3/4. to 1-3½" Ft.

REMARKS:

* 716 bbl. Horizontal tank.

COMPANY

F. F. Tidwell
COMPANY REPRESENTATIVE

FORM -SDM-1-R
(OVER)

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Lake Charles DISTRICT

WELL COMPLETION OR RECOMPLETION REPORT

OIL WELL (_____)
DIS. WELL (XX)
GAS WELL (_____)

NOTE
One copy to be filed with District Office within three (3) days of date of completion or recompletion (as per Order No. 29-A, Section X, Paragraph A, Article 1.)

COMPLETION (____)
RECOMPLETION(XX)
PERMIT SERIAL NO 10885

PARISH Calcasieu FIELD Hayes SEC. 18 TWP. 11 S RNG. 5-W

COMPANY Gulf Refining Company Gulf Production Division LEASE Hayes Unit #1 WELL NO. 2

DRILLING CONTRACTOR Steen Drilling Co DATE STUDDED (OR W.O.) 11/20/48

DATE COMPLETED OR RECOMPLETED 12/5 1948, AT ____ A.M. 4:30 P.M.

COMPLETION DATA:

INITIAL PRODUCTION 179 BBLS./DAY (NET)

TUBING PRESSURE 3900 #/SQ.IN.GA. FLOWING (X) SHUT IN (____)

CASING PRESSURE Zero #/SQ.IN.GA.

CHOKE Regulator SIZE ____ POSITIVE (____) ADJUSTABLE (____)

B. S. & W. 15 PERCENT SALT WATER (15) WASH WATER (XX)

GAS VOLUME 5,750 MCF/DAY

GAS/OIL RATIO 32,123 CF/BBLS.

GRAVITY 47.4 (60° -A.P.I.)

PRODUCING DEPTH 11582' FT. TO 11670' FT.

PERFORATED YES (Yes) NO (____) BOTTOM TUBING 11515 FT. SIZE 2-7/8 IN. OD

CASING (OIL STRING) SIZE 7 IN. I.D. (___) O.D. (XX) BOTTOM SEAT 11678 FT.

TOTAL DEPTH DRILLED 11685 FT. DERRICK FLOOR ELEVATION 16.65 FT.

Additional clearance is requested for - barrels of oil produced on drill-stem or other production tests. (See Section X, Paragraph B, of Order No. 29-A on reverse side.)

Gulf Refining Company,
Gulf Production Division
COMPANY

F. F. Mitchell Field Foreman
COMPANY REPRESENTATIVE

FORM - SDM - 1-R
(Over)

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

RECEIVED
DEC 10 1948
DEPARTMENT OF MINERAL RESOURCES

This side to be used when requesting clearance for oil produced on Drill Stem Test or other production tests; made previous to official completion or recompletion.

Section X, Paragraph B of Order No. 29-A

Allowables given to wells for oil produced on drill stem tests, production test and any miscellaneous production of oil shall be in accordance with the following rule:

All operators are required, within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production; as "from 8:00 A.M., August 5th, to 3:00 P.M., August 8th, 1942."

TEST DATA

DATE OF TEST	TIME OF TEST	AMOUNT OF OIL PRODUCED
12/9 1948	8:00A.M. TO 12:00 N.M.	29.87 BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
19	.M. TO .M.	BARRELS
TOTAL:		29.87 BARRELS

The above total barrels of oil was produced from *08-3/4. to 1-3/8" Ft.

REMARKS:
* 716 bbl. Horizontal tank.

COMPANY

D. F. Tidwell
COMPANY REPRESENTATIVE

FORM -SDM-1-R
(OVER)

GULF REFINING COMPANY
GULF PRODUCTION DIVISION

RECEIVED
DEC 10 1948
DEPARTMENT OF MINERALS
LAKE CHARLES

Hayes, Louisiana,
December 9, 1948.

Mr. Arsene P. Edwards, Manager.
Department of Conservation,
Minerals Division,
Lake Charles, Louisiana.

Dear Sir:

I am attaching State Form SDM 1R Well Recompletion Report on our Hayes Unit #1, Well #2 in the Hayes Field.

Above work covered by State Permit No. 34, L.C. Open flow test will be made on this well in the near future.

Yours very truly,

Gulf Refining Company
Gulf Production Division,

By F. F. Tidwell
F.F.Tidwell- Field Foreman

cc-Mr. M. R. Redick,
Mr. G. T. Rhoden,
Harvey, Louisiana.

PERMIT VERBAL

PERFORATING DATA SHEET

[illegible]C LAND

LANE-WELLS COMPANY

Number Jobs This Trip ONE

District So. La. Operating Base Lake Charles Date 1-1-52 S. O. # 27940

Truck No. 402 Operator Ray Chapman Helper Adams

Customer Gulf Ref'g. Prod. Div. Authorized Agent Mr. Neal

Name of Well Hayes Unit 1 #2 No. 2 Field Hayes

State Louisiana County/Parish Calcasieu

Job Scheduled _____ A.M. P.M. Arrived At Location Landing _____ A.M. P.M.

On Job _____ A.M. P.M. _____ M. Res. Off Job _____ A.M. P.M. _____ M. Res.

Standby Time _____ Max. Temp. _____ ° F.

New or Old Well Old Purpose of Perforating Squeeze Kind of Fluid Mud 16.8 Vis 70 Level Full

Casing Record 7" Cemented In 2 Liner Record 5 3/4 22# Cemented In 2

Customer's Depth 11678 Measure Method Strain Zero Point 1' above Rotary

Lane-Wells Depth _____ Size Gun _____ No. _____ No. _____ Type _____ Controller No. _____ No. _____

Bullet Size 8 Holes from 8700 to 8702 Ft. _____ Holes from _____ to _____ Ft. _____

Holes from _____ to _____ Ft. Shooting Zones Approved By: _____ Title _____

	Run No.	Run No.	Run No.	Run No.	Run No.	Run No.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

RECEIVED
JAN 195
DEPARTMENT OF MINERALS
LAKE CHARLES

Form 122 64½M 1-51 CP

RUNNING TIME	REMARKS
1) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	
2) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	
3) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	
4) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	
5) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	
6) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	

Mileage: From____ to____

Mileage: From____ to____

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Perforate & Squeeze
L.C.# 1

WORK PERMIT

PERMIT TO Perforate & Squeeze DATE Jan. 2, 1953

PARISH Calcasieu FIELD Hayes

COMPANY Gulf Refining Co.

ADDRESS Drawer 2100, Houston, Texas

WELL NAME Hayes Unit No. 1

WELL PERMIT SERIAL No. 10885 No. 2 SEC. 18 T. 11S R. 5W

WORK PERMIT No.

LOCATION 1130' E & 330' S of NW cor. of SW¼ of Sec. 18

YOU ARE HEREBY AUTHORIZED TO Perf. 7" csg. 8700' -8702' and squeeze in attempt to take pressure off 9 5/8" csg.

PERMIT REQUESTED BY H.H. Moore TD

Company Representative

AUTHORIZED BY

ARSENE P. EDWARDS
LAKE CHARLES, LA.
District Office

Form DM-4R
D9 58

RECEIVED
JAN 1[illegible] 195[illegible]
DEPARTMENT OF MINERALS
LAKE CHARLES
Perforate & Squeeze

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

- PERFORATE AND SQUEEZE RECORD -

DATE WORK DONE 1-3-53

WORK PERMIT NO. L.C. #1
WELL SERIAL NO. 10885

Lake Charles, Louisiana
(One copy to be filed with the District Office)

N O T E:
THIS REPORT WILL BE RETURNED IF NOT PROPERLY FILLED IN AND SIGNES

PARISH Calcasieu FIELD Hayes SEC. 18 TWP. 11 S RGE 5W

COMPANY Gulf Refining Company Houston Production Div. LEASE Hayes Unit #1 WELL NO. 2

TOTAL DEPTH 11,784' NEW OR OLD WELL Old

SIZE CASING 7" DEPTH OF CASING 11,578'

DEPTH OF PLUG BELOW PERFORATION 8750'

PERFORATED FROM 8700' TO 8702'

NUMBER OF HOLES 8 SIZE OF HOLES 15/32"

PERFORATING COMPANY Lane-Wells Co. TRUCK NUMBER 402

METHOD OF PLACING CEMENT Halliburton pump.

WHERE CEMENT RETAINER SET: DEPTH 8678 FT.

BARRELS OF WATER PUMPED BEFORE CEMENT 10 AFTER 5

BREAKDOWN PRESSURE 3500 LBS. FINAL PRESSURE 2000 LBS.

PURPOSE OF SQUEEZE JOB An attempt to take pressure off 9-5/8" casing.

SQUEEZE JOB DONE BY Halliburton Oil Well Cementing Co.

REMARKS: Squeeze job completed at 1:30 P. M., 1-3-53.

THIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF CONSERVATION, MINERALS DIVISION.

GULF REFINING COMPANY
SIGNED: HOUSTON PRODUCTION DIVISION
COMPANY

W. W. Moore
Representative
Area Production Superintendent

Form
Perf. & Sq.-MD5

PERMIT VERBAL

PERFORATING DATA SHEET

ONE LAND

LANE-WELLS COMPANY

Number Jobs This Trip ONE

District Ga. La. Operating Base LAKE CHARLES Date 1-8-53 S. O. # 27943 27944

Truck No. 402 Operator RAY CHAPMAN Helper BILL NETTLES

Customer GULF REF'G. CO. PROD. DIV. Authorized Agent MR. NEAL

Name of Well HAYES UNIT 1 No. 2 Field HAYES

State LOUISIANA County/Parish CALCASIEU

Job Scheduled _____ A.M. P.M. Arrived At Location Landing _____ A.M. P.M.

On Job _____ A.M. P.M. _____ M. Res. Off Job _____ A.M. P.M. _____ M. Res.

Standby Time _____ Max. Temp. _____ ° F.

New or Old Well OLD Purpose of Perforating SQUEEZE Kind of Fluid Mud 16.4 V 1.5 Level FULL

Casing Record 7" 30# Cemented In 9 7/8 Liner Record _____ Cemented In _____

Customer's Depth 9214 Measure Method ~~[illegible]~~ RACK Zero Point 2' ABOVE ROTARY

Lane-Wells Depth _____ Size Gun _____ No. _____ No. _____ Type _____ Controller No. _____ No. _____

Bullet Size 1 1/3 - 16 Holes from 5003 to 4999 Ft. _____ Holes from _____ to _____ Ft.

Holes from _____ to _____ Ft. Shooting Zones Approved By: Signed J. C. Neal Title _____

	Run No.	Run No.	Run No.	Run No.	Run No.	Run No.
1						
2						
3						
4						
5	Set Mag Plug at 5070					
6	Cement Dumped 10 ft.					
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

RECEIVED
JAN 13 1953
DEPARTMENT OF MINERALS
LAKE CHARLES

Form 122 64½M 1-51 CP

RUNNING TIME	REMARKS
1) In From____ to____ A.M. P.M.	
Out From____ to____ A.M. P.M.	
Fluid____	
In____ Out____	
Holes____ Total____	
Misses____ Total____	
2) In From____ to____ A.M. P.M.	
Out From____ to____ A.M. P.M.	
Fluid____	
In____ Out____	
Holes____ Total____	
Misses____ Total____	
3) In From____ to____ A.M. P.M.	
Out From____ to____ A.M. P.M.	
Fluid____	
In____ Out____	
Holes____ Total____	
Misses____ Total____	
4) In From____ to____ A.M. P.M.	
Out From____ to____ A.M. P.M.	
Fluid____	
In____ Out____	
Holes____ Total____	
Misses____ Total____	
5) In From____ to____ A.M. P.M.	
Out From____ to____ A.M. P.M.	
Fluid____	
In____ Out____	
Holes____ Total____	
Misses____ Total____	
6) In From____ to____ A.M. P.M.	
Out From____ to____ A.M. P.M.	
Fluid____	
In____ Out____	
Holes____ Total____	
Misses____ Total____	

Mileage: From____ to____

Mileage: From____ to____

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Perforate & Squeeze
L.C.# 6

WORK PERMIT

PERMIT TO Perforate & Squeeze DATE Jan.8, 1953

PARISH Calcasieu FIELD Hayes

COMPANY Gulf Refining Company

ADDRESS Drawer 2100, Houston, Texas

WELL NAME Hayes Unit No.1 No. 2 SEC. 18 T. 11S R. 5W

WELL PERMIT SERIAL No. 10885 WORK PERMIT No.

LOCATION 1130' E & 330' S of NW cor. of SW¼ of Sec.18

YOU ARE HEREBY AUTHORIZED TO Perforate & squeeze from 4999' to 5003' 7" casing in attempt to take pressure off 9 5/8" csg.

TD '

PERMIT REQUESTED BY H.H. Moore
Company Representative

AUTHORIZED BY
ARSENE P. EDWARDS
LAKE CHARLES, LA.
District Office

Form DM-4R
D9 58

RECEIVED
JAN 13 1953
DEPARTMENT OF MINERALS
LAKE CHARLES
Perf. & Squeeze

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

- PERFORATE AND SQUEEZE RECORD -

DATE WORK DONE 1-9-53

WORK PERMIT NO. L. C. #6
WELL SERIAL NO. 10885

Lake Charles, La.
(One copy to be filed with the District Office)

NOTE:
THIS REPORT WILL BE RETURNED IF NOT PROPERLY FILLED IN AND SIGNES

PARISH Calcasieu FIELD Hayes SEC. 18 TWP. 11S RGE 5W

COMPANY Gulf Refining Company Houston Production Div. LEASE Hayes Unit #1 WELL NO. 2

TOTAL DEPTH 11,784' NEW OR OLD WELL Old

SIZE CASING 7" DEPTH OF CASING 11,578'

DEPTH OF PLUG BELOW PERFORATION 5070'

PERFORATED FROM 4999' TO 5003'

NUMBER OF HOLES 16 SIZE OF HOLES 15/32"

PERFORATING COMPANY Lane-Wells Co. TRUCK NUMBER 402

METHOD OF PLACING CEMENT Halliburton pump

WHERE CEMENT RETAINER SET: DEPTH 4975 FT.

BARRELS OF WATER PUMPED BEFORE CEMENT 7-1/2 AFTER 5

BREAKDOWN PRESSURE 1500 LBS. FINAL PRESSURE 2100 LBS.

PURPOSE OF SQUEEZE JOB An attempt to take pressure off 9-5/8" casing.

SQUEEZE JOB DONE BY Halliburton Oil Well Cementing Co.

REMARKS: Squeeze job completed at 1:00 P. M., 1-9-53.

THIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF CONSERVATION, MINERALS DIVISION.

GULF REFINING COMPANY
SIGNED: HOUSTON PRODUCTION DIVISION
COMPANY

W. W. Moore
Representative
Area Production Superintendent

Form
Perf. & Sq.-MD5

RECEIVED
JAN 1953
DEPARTMENT OF MINERALS
LAKE CHARLES
Perforate & Squeeze

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

- PERFORATE AND SQUEEZE RECORD -

DATE WORK DONE 1-11-53

WORK PERMIT NO. L. C. #5
WELL SERIAL NO. 10885

Lake Charles, La.
(One copy to be filed with the District Office)

N O T E:
THIS REPORT WILL BE RETURNED IF NOT PROPERLY FILLED IN AND SIGNES

PARISH Calcasieu FIELD Hayes SEC. 18 TWP. 11S RGE. 5W

COMPANY Gulf Refining Company Houston Production Div. LEASE Hayes Unit #1 WELL NO. 2

TOTAL DEPTH 11,784' NEW OR OLD WELL Old

SIZE CASING 7" DEPTH OF CASING 11,578'

DEPTH OF PLUG BELOW PERFORATION 2570'

PERFORATED FROM 2498' TO 2502'

NUMBER OF HOLES 16 SIZE OF HOLES 15/32"

PERFORATING COMPANY Lane-Wells Co. TRUCK NUMBER 402

METHOD OF PLACING CEMENT Halliburton pump.

WHERE CEMENT RETAINER SET: DEPTH 2443 FT.

BARRELS OF WATER PUMPED BEFORE CEMENT 23 AFTER 23

BREAKDOWN PRESSURE 600 LBS. FINAL PRESSURE 200 LBS.

PURPOSE OF SQUEEZE JOB An attempt to take pressure off 9-5/8" casing.

SQUEEZE JOB DONE BY Halliburton Oil Well Cementing Co.

REMARKS: Job completed at 11:30 P. M., 1-11-53.

THIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF CONSERVATION, MINERALS DIVISION.

GULF REFINING COMPANY
SIGNED: HOUSTON PRODUCTION DIVISION
COMPANY

N. N. Moore
Representative
Area Production Superintendent

Form
Perf. & Sq.-MD5

PERMIT VERBAL **PERFORATING DATA SHEET** ONE LAND

LANE-WELLS COMPANY

Number Jobs This Trip ONE

District So. La. Operating Base LAKE CHARLES Date 1-10-53 S. O. # 27945 27946

Truck No. 402 Operator RAY CHAPMAN Helper BILL NETTLES

Customer GULF REF'G. CO. PROD. DIV. Authorized Agent MR. DUNN

Name of Well HAYES UNIT 1 #2 No. 2 Field HAYES

State LOUISIANA County/Parish CALCASIEU.

Job Scheduled A.M. P.M. Arrived At Location ~~Landing~~ A.M. P.M.

On Job A.M. P.M. M. Res. Off Job A.M. P.M. M. Res.

Standby Time Max. Temp. ° F.

New or Old Well OLD Purpose of Perforating SQUEEZE Kind of Fluid Mud 14 Vis 40 Level FULL

Casing Record 9" 30" Cemented In 9 7/8 Liner Record Cemented In

Customer's Depth 5060 Measure Method RACK Zero Point 2' ABOVE ROTARY

Lane-Wells Depth Size Gun No. No. Type Controller No. No.

Bullet Size 16 Holes from 2498 to 2502 Ft. Holes from to Ft.

Holes from to Ft. Shooting Zones Approved By: S. A. Dunn Title

	Run No.	Run No.	Run No.	Run No.	Run No.	Run No.
1	- - - -					
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

RECEIVED
JAN 13 195
DEPARTMENT OF MINERALS
LAKE CHARLES

Form 122 64½M 1-51 CP

RUNNING TIME	REMARKS
1) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	
2) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	
3) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	
4) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	
5) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	
6) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	

Mileage: From____ to____

Mileage: From____ to____

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Perforate & Squeeze
L.C.# 5

WORK PERMIT

PERMIT TO Perforate & Squeeze DATE Jan.12, 1953

PARISH Calcasieu FIELD Hayes

COMPANY Gulf Refining Co.,

ADDRESS Drawer 2100, Houston, Texas

WELL NAME Hayes Unit #1 No. 2 SEC. 18 T 11S R. 5W

WELL PERMIT SERIAL No. 10885 WORK PERMIT No.

LOCATION 1130' E & 330' S of NW cor. of SW¼ of Sec.18

YOU ARE HEREBY AUTHORIZED TO Perforate & squeeze from 2498' to 2502' 7" casing in attempt to take pressure off 9 5/8" csg.

TD

PERMIT REQUESTED BY H.H. Moore
Company Representative

AUTHORIZED BY
ARSENE P. EDWARDS
LAKE CHARLES, District Office

Form DM-4R
D9 58

RECEIVED
JAN 31 1953
DEPARTMENT OF MINERALS
LAKE CHARLES

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

- AFFIDAVIT OF TEST OF CASING IN WELL -

WORK PERMIT NO. _____
WELL SERIAL NO. _____

DATE WORK DONE 1/27/53

(One copy to be filed with the District Office)

NOTE:
THIS REPORT WILL BE RETURNED IF NOT PROPERLY FILLED IN AND SIGNED

PARISH Cal FIELD Hayes SEC. ___ TWP. ___ RGE. ___

COMPANY Gulf LEASE Hayes Unit 1 WELL NO. 2

TOTAL DEPTH 11,685 11,548

SIZE OF CASING 5" IN: WT.PER FT. 18 #: MAKE Atrimaline X Line

NO. OF THREADS PER IN. _____ GRADE N.80 SEAMLESS — NEW — 2ND _____

IF SECOND HAND, WAS PIPE TESTED? _____ DESCRIBE _____

DEPTH LANDED BELOW DERRICK FLOOR 12.58 FT. SACKS OF CEMENT 775

SIZE OF HOLE 7" IN.: AMOUNT OF CEMENT LEFT IN PIPE 42'

METHOD OF CEMENTING Howco CEMENT SET 12 HOURS UNDER 550 LBS.

PRESSURE _____ TOTAL TIME SET 72 HOURS

DETAIL OF PRESSURE TEST BEFORE DRILLING PLUG

DATE OF TEST: 1/27 1953 GAUGE PRESSURE ON CASING 2000 LBS.

PRESSURE AT END OF THIRTY MINUTES (30) 2000 DROP — LBS.

TEST FLUID: WATER 0 MUD 162 LBS. PER GAS: VISCOSITY 50 SEC.

REMARKS: 5" set inside 7" due to holes in 7" Casing. 7" set at 11,677

THIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF CONSERVATION, MINERALS DIVISION.

SIGNED: Gulf Rel. Co. Prod Div.
COMPANY

WITNESS: R. F. Romero

J. J. Moreland
Representative

Form
Csg. (T)-MD16

WELL LOG
SUMMARY
GULF H 1225-B

DATE 2-20-53 SHEET NO. 1

RECEIVED MAR 14 1953 DEPARTMENT OF MINERALS LAKE CHARLES

Gulf Refining Company - Houston Production Division
NAME OF COMPANY AND DIVISION

LEASE Hayes Unit No. 1 NO. 33820 (WC)

FIELD Hayes, La. ZONE Coastal Louisiana NO. 1 ~~COUNTY~~ PARISH Calcasieu AFE NO. 11-6260

LOCATION DATE 119 MAP NO. 1130' E and 330' S of NW corner of SW 1/4 of SE CO-ORD NO.
1/4 of Section 18, Twp. 11-S, Rge. 5-W.

ELEVATIONS: GROUND 9' TOP KELLY DR. BUSHING TO GROUND 18' MEAN LOW TIDE TO TOP KELLY DRIVE BUSHING 19'-Hinkle KELLY DR. BUSHING TO TOP OIL STRING FLANGE 17'-Work-over, Inc.

TYPE OF RIG: Rotary POWERED BY Gas Engine (ELECTRIC MOTOR, GAS, OIL OR STEAM ENGINE) FUEL Natural Gas

DATES: 10-30-52 STARTED RIGGING UP 11-3-52 STARTED ~~DRILLING~~ W/O 2-9-53 COMPLETED ~~DRILLING~~ W/O 3:00 PM, 2-10-53 PRODUCING (HOUR AND DATE)

METHOD OF CORING - -

CONTRACTOR OR COMPANY Hinkle Drilling Co., Contract #A-2-452, 12-4-52, 2706 Gulf Bldg. Houston, Texas; Work-Over, Inc. Contract #A-2-207, 2-27-53, Jennings, Louisiana

REASON: DRILLED ☐ DEEPENED ☐ WORKED OVER ☒ ABANDONED ☐ Kill well and eliminate pressure on casing string.

INITIAL-24 HOUR POTENTIAL PRODUCTION DATE TEST COMPLETED 2-11-53 FLOWING ~~PUMPING~~ F BBLS. FLUID 105.5 % B.S. & W. 16.2

BBLS. NET OIL 88.5 COR. GRAVITY 40 COLOR - - GAS 8650 MCF GOR 97,900/1

DETAIL TEST 7:30 PM 2-10-53 (HOUR AND DATE STARTED) 5:30 AM 2-11-53 (HOUR AND DATE ENDED) 10 (NO. HOURS) 86.8 (OIL BBLS.) 7.14 (WATER BBLS.) 3600 (GAS MCF)

- - ACID TREATED ☐ NITRO SHOT ☐

CHOKES (SIZES AND TYPES) Adjustable (24/64") CASING PRESSURES Zero (FLOWING) (CLOSED IN) TUBING PRESSURES 2100# (FLOWING) (CLOSED IN)

METHOD PRODUCED Natural Flow

TOTAL DEPTH 11,784' PRESENT DEPTH Top Cement Plug in 5-9/16" Liner 11,677' (ALL MEASUREMENTS ARE FROM TOP OF KELLY DRIVE BUSHING) OIL STRING CASING SEAT 11,685' PRODUCING SECTIONS 11,625' to 11,670' perforated interval (Sch.) in workover 10-28-43 and 11,582' to 11,[illegible] (Sch.) additional interval in workover 12-5-48.

DATE ABANDONED TEMPORARY OR PERMANENT

REMARKS: Opened well and flowed into burning pit at 7:30 P.M., 2-9-53. Turned into stock tanks at 3:00 P.M., 2-10-53. Put on a 10 hour I.P. or potential test at 7:30 P.M., 2-10-53.

DRILLING SUPERVISOR J. F. Moreland, F. O. Neal, L. A. Dunn

FIELD SUPERVISOR COPY ORIGINAL SIGNED H. H. MOORE
H. H. Moore

WELL LOG
PIPE AND STRAINER INSTALLATIONS
GULF H 1226-B

DATE 2-26-53 SHEET NO. 2 I

LEASE Hayes Unit #1 WELL NO. 2(W6) FIELD Hayes, La.

SUMMARY OF CASING, LINER, STRAINER, TUBING AND RODS:

SIZE	MAKE	TYPE (SEAMLESS OR L' WELD)	WEIGHT	NO. OF THREADS	JOINTS	FEET AND INCHES	AMOUNT CEMENT
5" O.D.	N-80	Smls.	18#	Extreme-line Box & Pin Casing	302 Nipple	11,512.26' 19.20' 11,531.46	Cemented with 775 sacks Unaflo
				Casing seated at 11,548'.			

DETAILED SETTING OF CASING, LINER, STRAINER, TUBING AND RODS:

Detailed 5" O. D. casing setting, 1-21-53:

11685.00'	Total Depth
11548.00'	Top of 5-9/16" OD Liner
0.75'	1 Leaded Adaptor to fit 5-9/16" OD Hydril FJ(Type C Safety Jt. w/5" OD X - Line Box Top)
11547.25'	
39.90'	1 Jt. 5" OD 18# N-80 X-Line Box & Pin SS Casing.
11507.35'	
1.50'	1 - 5" OD Halliburton Float Collar, X-Line Thds.
11505.85'	
11472.36'	301 Jts. 5" OD 18# N-80 X-Line Box & Pin SS Casing.
33.49'	
19.20'	1 - 5" OD 18# N-80 X-Line Box & Pin Casing Nipple.
14.29'	
1.71'	1 - 10-3/4" x 5-1/2" x 2" Ser. 1500 Gray Type 15040 Tubing Head.
12.58'	
12.58'	Distance from Top of Rotary Drive Bushing to Top of Tubing Head Flange.
0.00	

Cemented 5" OD casing with 775 sacks Unaflo cement, using Halliburton pumping equipment. Used 9 Weatherford Straight Type Centralizers. Plug on bottom and job completed at 8:00 A. M., 1-21-53. Cement set for 72 hours.

FLOW LINE:

WELL LOG
PIPE AND STRAINER INSTALLATIONS
GULF H 1226-B

DATE 2-26-53 SHEET NO. 2 J

LEASE Hayes Unit #1 WELL NO. 2(WO) FIELD Hayes, La.

SUMMARY OF CASING, LINER, STRAINER, TUBING AND RODS:

SIZE	MAKE	TYPE SEAMLESS OR L' WELD	WEIGHT	NO. OF THREADS	JOINTS	FEET AND INCHES	AMOUNT CEMENT

DETAILED SETTING OF CASING, LINER, STRAINER, TUBING AND RODS:

Tops of Weatherford Straight Type Centralizers Run on 5" OD Casing:

No. 1 2479'
No. 2 2522'
No. 3 4979'
No. 4 5022'
No. 5 8660'
No. 6 8722'
No. 7 10,449'
No. 8 10,499'
No. 9 11,450'

FLOW LINE:

WELL LOG
PIPE AND STRAINER INSTALLATIONS
GULF H 1226-B

DATE 2-26-55 SHEET NO. 2 E

LEASE Hayes Unit #1 WELL NO. 2(WO) FIELD Hayes, La.

SUMMARY OF CASING, LINER, STRAINER, TUBING AND RODS:

SIZE	MAKE	TYPE (SEAMLESS OR L' WELD)	WEIGHT	NO. OF THREADS	JOINTS	FEET AND INCHES	AMOUNT CEMENT
No changes made in original Liner and Casing settings.							
2-3/8" OD Tubing	N-80 9% Nicloy	Smls.	4.43#	Hydril	388	11,470.14'	
				Perforated Nipple		4.13'	
				Slick Jt. W/Tubing Hanger		28.70'	
						11,503.97'	
				Suspended at 11,518.52'			

DETAILED SETTING OF CASING, LINER, STRAINER, TUBING AND RODS:
Detailed 2-3/8" O. D. tubing setting, 2-9-55:

11784.00'	Total Depth of Hole.
11548.00'	Bottom of 5" casing on Top of 5-9/16" Liner.
11677.00'	Top of cement plug in 5-9/16" Liner.
158.48'	Distance tubing suspended off cement plug.
11518.52'	Bottom of 2-3/8" OD tubing.
4.13'	1 - 2" 11-V thd. Perforated Nipple - Closed end.
11514.39'	
7.02'	5" OD 18# TIW H.W. Packer 11 thd. Bottom-2-3/8" "OS" Hydril
11507.37'	Top Packer #7981.
5.00'	Weight & Collapse on packer equal 12000# (Add).
11512.37'	
11470.14'	388 Jts. 2-3/8" OD 4.43# "OS" Hyd. Box & Pin Tubing - 9% Ni.
42.23'	
28.70'	2-3/8" OD Hyd. Pin & Pin Slick Jt. - 9% Ni. - w/tubing Hanger.
13.53'	
.65'	2-3/8" OD "OS" Hydrill Box & 3-1/2" Pin Canfield Bushing.
12.88'	
12.88'	Distance from Top Tubing Hanger to Top Drive Bushing.
0.00	

FLOW LINE: Displaced mud with 44 bbls. water w/Halliburton truck at 11:00 A.M., 2-9-55. Set Packer, connected up well and opened well on 18/64" choke at 12:30 PM, 2-9-55. Well failed to flow. Swabbed well and flowed at 7:30 PM, 2-9-55 into burning pit.

No change in original flow line.

WELL LOG
DRILLING SUMMARY
GULF H 1227-B

DATE 2-28-53 SHEET NO. 3 J

LEASE Hayes Unit #1 WELL NO. 2(WO) FIELD Hayes, La.

DEPTH	FEET	DESCRIPTION
11,784'		Hole (Old total depth of hole).
11,677'		Top of cement plug in 5-9/16" Liner (Present total depth).

WELL LOG
DETAIL DATA
GULF H 1226-A

DATE 2-26-53 SHEET NO. 4 Q

LEASE Hayes Unit #1 WELL NO. 8(WO) FIELD Hayes, La.

DIRECTIONAL, DEVIATION, ELECTRICAL, DRILL STEM TESTS, CORES, PRODUCTION TESTS, SQUEEZE JOBS, ETC.

Electric Well Logs:

Ran Gamma Ray and Neutron Survey #1, 12-29-52. Logged depth 11,677.5'; driller's effective depth 11,678'.

Ran Gamma Ray #2, 1-13-55. Logged depth 10,100'; driller's effective depth 11,548'.

Perforating Record:

Perforated 7" O. D. casing with 8 holes (4 holes per foot) on 1-2-53 with Lane-Wells Co. conventional type perforating gun in the interval 8700' to 8702' (Schlumberger) in attempt to take pressure off 9-5/8" casing.

Perforated 7" O. D. casing with 16 holes (4 holes per foot) on 1-7-53 with Lane-Wells Co. conventional type perforating gun in the interval 4999' to 5003' (Schlumberger) in attempt to take pressure off 9-5/8" casing.

Perforated 7" O. D. casing with 16 holes (4 holes per foot) 1-10-53 with Lane-Wells Co. conventional type perforating gun in the interval 2498' to 2502' (Schlumberger) in attempt to take pressure off 9-5/8" casing.

WELL LOG
DETAIL DATA
GULF H 1228-A

DATE 2-26-53 SHEET NO. 4 B

LEASE Hayes Unit #1 WELL NO. 2(70) FIELD Hayes, La.

DIRECTIONAL, DEVIATION, ELECTRICAL, DRILL STEM TESTS, CORES, PRODUCTION TESTS, SQUEEZE JOBS, ETC.

Squeeze Job Record:

No. 1, 1-3-53. Assembled 7" Halliburton Hydraulic cementing tool. Set H.R.C. at 8678' to squeeze perforations 8700'-8702'. Broke down formation with 3500# back to 1400#. Mixed 350 sacks and squeezed in formation 240 sacks of Unaflo cement, 10 bbls. water with 1/4# Radio Active per sack cement. Maximum pressure 3500#; minimum and final pressure at 3000#. Reversed out 5 bbls. water and 10 sacks cement. Job completed at 1:30 P. M., 1-3-53.

No. 2, 1-9-53. Set H.R.C. in 7" casing at 4975' and broke down formation with 1500# back to 200#. Pumped in 7-1/2 bbls. water. Mixed 500 sacks of Unaflo cement with 1/4# Radio Activity Compound per sack. Squeezed into perforated interval 4990' to 5003', 7-1/2 bbls. water and 450 sacks cement. Reversed back 5 bbls. water and 50 sacks cement. Minimum pressure 1200#; maximum and final pressure 2100#. Job completed at 1:00 P. M., 1-9-53.

No. 3, 1-11-53. Went in hole with H.R.C. and set in 7" casing at 2470' and pressured up; lost circulation. Set H.R.C. in 7" casing at 2470'. Spotted 23 bbls. water in drill pipe and lost circulation. Reversed water out and set H.R.C. at 2443'. Mixed and pumped 100 sacks of Portland cement with 10% Jel added and 2/10 of 1% Kembreak and 400 sacks Unaflo cement in annulus of 9-5/8" and 7" casing. Minimum pressure 300#, maximum pressure 1000#, final pressure zero. This part of job completed at 10:00 PM, 1-11-53.
With H.R.C. set at 2443' broke down formation with 600# back to zero. Mixed 100 sacks Unaflo cement with 1/4# Radio Active Compound per sack cement and pumped or squeezed thru perforations 2498' to 2502' with 600# pressure. Displaced out of drill pipe to 2460'. Minimum pressure 100#; maximum pressure 600#; final pressure 200#. Job completed at 11:30 P.M., 1-11-53.

No. 4, 1-14-53. Went in hole with H.R.C. and set in 7" casing at 2540' and tested Bridge Plug. Pulled tool up to 2443' and broke down formation with 300# back to zero. Mixed 500 sacks of Unaflo cement with 1/4# Radio Activity Compound per sack and squeezed out 495 sacks of cement thru perforations in 7" casing at 2498' to 2502'. Reversed back 5 sacks of cement. Minimum pressure, 400#; maximum and final pressure 850#. Job completed at 1:00 P. M., 1-14-53.

Potential Test:

On a 10 hr. I.P. or potential test from 7:30 PM, 2-10-53 to 5:30 AM, 2-11 while flowing thru an adjustable choke (approx. 24/64") with 2100# tubing pressure, well produced 2600 MCF of gas, 38.0 bbls. condensate and 7.14 bbls. of fresh water or at the rate of 6650 MCF of gas, 88.5 bbls. of condensate and 17 bbls. of fresh water per day. GOR 97,900/1; BSW 16.2%; casing pressure, zero; & corrected gravity 48 degrees. Estimated Initial Production 88.5 bbls. net condensate per day. Well recompleted 3 PM, 2

WELL LOG
DETAIL DATA
GULF H 1228-A

DATE 3-26-53 SHEET NO. 4 3

LEASE Hayes Unit #1 WELL NO. 2(WO) FIELD Hayes, La.

DIRECTIONAL, DEVIATION, ELECTRICAL, DRILL STEM TESTS, CORES, PRODUCTION TESTS, SQUEEZE JOBS, ETC.

Fishing Jobs:

No. 1. Ran HOMCO free point indicator and combination string shot. Located stuck point of tubing at 3365'. Backed off 2-7/8" OD tubing at 3305'. Conditioned mud while installed 6" Cross outlets in BOP assembly. Tested BOP's with 6000#. Pulled 114 Jts. tubing totaling 3293.45'. Picked up and went in hole with 3-1/2" Flush Joint Drill Pipe on Houston Engineers Overshot to top of fish at 3298'. Circulated then latched on to fish at 3296', worked stuck tubing. Ran Homco Freepoint Indicator and string shot combination. Jelled mud prevented going below 4200'. Backed off tubing at about 4165' and recovered 30 jts. or 665'. Went in hole with Houston Engineers overshot, conditioned mud, caught hold of fish and ran HOMCO Free Point Indicator. Backed off shot to 5053'. Stopped at this point. Backed 3-1/2" drill pipe off from overshot while torquing to put off back off shot. Pulled 3-1/2" D.P. and changed out bottom joint, then went in hole and screwed into H. E. Overshot. Worked tubing, ran HOMCO Combination Free Point Indicator and string shot to 6450'. Well started running over at 7" casing and 3-1/2" drill pipe. Pulled string shot up to 3135' and closed BOP and Pack-off on HOMCO line. Pressure on 7" casing 1600#. Wire line pack-off began leaking dry gas at intervals. Froze plug in 3-1/2" drill pipe below wire line pack-off. OHC started leaking dry gas with 1600# pressure. Pumped in about 1 bbl. of 14# mud and BOP stopped leaking. Blew pop on pump and bled 7" casing back to 1000# (5 bbls. of mud bled). Pumped 7 bbls. mud with 2300# pressure; 5 bbls. 16.5# mud with 3000#; 4 bbls. 17# mud with 3600#. Pressured up 9-5/8" casing with 1400#. Total mud pumped in 7" casing, 27-1/2 bbls.; total left after bleeding, 22-1/2 bbls. Bonnet gasket on BOP started leaking with spray of mud. Bled off 18 bbls. mud and lowered pressure on 7" casing 3600# to 950# with BOP still leaking dry gas. Mixed 5 bbls. mud with Mica and pumped in 7" casing. Leak stopped in BOP. Rigged up and froze plug below BOP--pressure on 7" casing, 1700#. Checked plug, had none. Attempted to freeze plug after adding 6 bbls. Jell and pumping down, but failed. Rigged up Halliburton bleeder and pumping manifold and bled pressure from 2300# back to 1000#. Welded bonnet on leaking OHC BOP and tested all BOP's with 6300# water pressure. All OK. Checked freeze plug by loosening packing. Plug OK. Cut HOMCO wire line, put on CM600 wire line valve and circulated with 19# mud. Also installed 2" Master Valve, pump in connections and HOMCO Wire Line Pack-off on 3-1/2" drill pipe. Tested same with 2500# water pressure. OK. Waited for ice plug to thaw. Circulatedthru 3-1/2" drill pipe and around or thru Overshot at 4162'. Gas continued to cut mud and OHC BOP leaked gas slightly thru welded section--sealed with mud. Pulled HOMCO combination Free Point Indicator and back-off shot. Attempted to release H.E. Overshot and failed. Ran HOMCO back-off shot to 4800' and failed to back off tubing due to short in line. Cut mud back from 19# to 17.3# and levelled off to 19#. Repaired shooting line; ran HOMCO back-off shot and backed off tubing at about 4650'. Circulated from top of fish at 4650'. Pumped gas off thru 2" choke line and circulated 19# mud around. Set 7" test plug in 7" casing with Gray inside BOP in 3" drill pipe.Cut 6" OHC BOP and repaired sealing rings in OHCBonnets. Tested BOP's with 6400# water pressure. Circulated. Came out of hole with fish, back-off #3 and recovered 17 Jts. tubing, 505'. Top of fish at 4667'. Tested master valve with 6400#--OK. With Bowen Overshot on 3-1/2" drill pipe went in hole and

WELL LOG
DETAIL DATA
GULF H 1228-A

DATE 8-26-53 SHEET NO. 4 7

LEASE Hayes Unit #1 WELL NO. 2(170) FIELD Hayes, La.

DIRECTIONAL, DEVIATION, ELECTRICAL, DRILL STEM TESTS, CORES, PRODUCTION TESTS, SQUEEZE JOBS, ETC.

Fishing Jobs (Continued):

conditioned mud. Mud went in at 19#, came out 18#. Installed 4" flow line between GHC BOP's with 4" 10,000# test Cameron fluid operated valve next to BOP. Tested same--OK. Caught hold of fish with Bowen Overshot and [illegible] ed tubing for one hour. Ran combination HOMCO Free Point Indicator and [illegible] off shot. Made #4 back off. Recovered 13 jts. tubing, 379'. Conditioned mud with Bowen Overshot on 3-1/2" drill pipe. Caught hold of fish at 5037' with Bowen Overshot and worked same. Ran combination HOMCO Free Point Indicator and back-off shot. Made #5 back off. Recovered 34 jts. tubing, 966.88'. Conditioned mud top of fish; cut mud weight 19# to 17.6#. Went in hole with combination HOMCO Free Point Indicator and back-off shot. 3-1/2" Hydril Lift Plug broke out of 3-1/2" Hydril thd. while pulling on tubing. Changed out broken lift plug in 3-1/2" drill pipe. Picked up weight of drill pipe (weight 69,000#). Ran HOMCO combination back-off shot to 6040'; stopped there due to heavy mud. Pumped in 3 bbls. 17.6# mud in tubing; pumped Indicator down to 7100'. Attempted to take reading--failed. Pulled instrument and repaired same. Started back in hole and instrument coil broke in two. Left three 1-1/2" x 6' sinker bars in hole and 33' primer cord, 1-1/2" x 5' free point indicator. Picked up 3 extra 1-1/2" x 6' sinker bars and five 1-1/2" x 6' sinker bars and went in hole. Located junk in tubing at 6040'. Worked drill pipe in attempt to force junk down into tubing--failed. Released Bowen Overshot from tubing at 6004'. Conditioned mud; pulled 3-1/2" drill pipe out of hole. Picked up 5-3/4" x 2-7/8" Hunt Outside Cutting Tool, 5 jts. 5" wash over pipe and went in hole. Washed and rotated over tubing from 6004' to 6165'. Made cut #1 at 6122'. Pulled out of hole and recovered 4 jts. & 1 piece 2-7/8" tubing, 117'. Also recovered 3 - 1-1/2" x 6' Sinker Bars, 33" primer cord, 1 --1-1/2" x 5' HOMCO combination Free Point Indicator and back-off instrument. Picked up 13 additional jts. 5" wash over pipe, total 18 jts. and went in hole. Also went in hole with 3-1/2" x 2-7/8" Hunt Outside Cutting Tool. Washed over 2-7/8" tubing from 6122' to 6639'. Attempted another cut and failed. Pulled out of hole, picked up 5-3/4" x 2-7/8" Bowen Overshot, went in hole. Cut mud weight back to 17.2#. Got hold 2-7/8" tubing at 6122' and worked and pulled. Ran Dialog Free Point Indicator to 6121' and took reading. Found pipe free at 6121'. Released Bowen while tacking pipe to left to put off back-off shot. Failed to make catch. Pulled Bowen Overshot and went in hole with Bowen overshot with new slips and caught hold of 2-7/8" tubing at 6122' and worked same. Went in hole with Dia-Log back-off shot to 7600'; failed to go below 7600' due to mud condition in tubing; torqued pipe 3 rounds to left to put off back-off shot and tubing backed off at 6739'. Pulled out of hole, recovered 22 jts. 2-7/8" tubing, 617'. Went in hole with Bowen Overshot and conditioned mud at 6750'. Caught hold of 2-7/8" and ran Dia-Log back-off shot to 7580'. Backed off 3-1/2" drill at about 1300' while torquing pipe to left to put off back-off shot. Screwed back on 3-1/2" drill pipe, pulled Dia-Log back-off shot out of hole. Pull 36 stands checked and tightened each joint. Went back in hole to 6730' and conditioned mud and tied back on 2-7/8" tubing at 6739'. Ran Dia-Log back off shot. Failed 1st time, ran 2nd time and backed off tubing at about 7590'. Pulled out of hole with fish, #7. Recovered 23 jts. Hydril tubing, 663'. Went back in hole with 5-3/4" Bowen overshot and conditioned mud at 7385'. Caught hold 2-7/8" tubing at 7605'. Ran Dia-Log Free Point Indicator; failed to go below 7605' due to heavy mud. Ran Dia-Log spud bit

WELL LOG
DETAIL DATA
GULF H 1228-A

DATE 2-26-60 SHEET NO. 4 of 7

LEASE Hayes Unit #1 WELL NO. 2(WO) FIELD Hayes, La.

DIRECTIONAL, DEVIATION, ELECTRICAL, DRILL STEM TESTS, CORES, PRODUCTION TESTS, SQUEEZE JOBS, ETC.

Fishing Jobs (Continued):

and jars, spud thru heavy mud to 8365'. Went in hole with Dia-Log back-off shot and backed off at 8340'and 7584'. Recovered 5 jts. tubing, 145'. Conditioned mud at 7584' and caught hold fish with Bowen Overshot at 7584'. Worked and pulled pipe up to 180,000# attempting to free tubing. Ran Dia-Log speed bit & back-off shot, failed in 1st attempt and backed off at Pulled out with Fish #10 recovered 11 jts. tubing, 306.31'. Washed over, repaired and line & bled gas on 8-5/8" casing. Built up mud volume and with H.E. Reversing Tool caught fish at 7584'. Failed to pull to up 160,000#. Backed off fish at 8365.80' and recovered on Fish #11 11 jts. tubing, 311.34'. With H.E. Overshot and Reversing Tool conditioned mud & tied on to tubing. Failed, then backed off at 8618.69' recovered on Fish #12 9 jts. tubing, 252.79'. With H.E. Overshot and Reversing Tool went to top of fish at 8618.69' conditioning mud and backed off at 9057' recovering on Fish #13 13 jts. tubing, 438.31'. Returns from different depths showed gas cut mud. Hinkle Drilling Company moved in and started by pulling 5" wash pipe out of hole. Failed to recover any tubing. Got hold of fish at 9057' with Bowen overshot, pulled packer loose, 84 jts. tubing, 1 TIW Safety Jt., 1 7" x 2-7/8" TIW 7SSC production packer.

No. 2. Went in hole to 8370'. Tubing started taking weight. Picked up tubing 10,000' above weight of tubing and tubing parted 72 joints down 2025', leaving 318 jts. of 2-7/8" Nudril and Baker junk basket and 4-1/8" Smith rock bit in hole. Went in hole with 2-7/8" NCSCO releasing spear and caught 2-7/8" tubing and pulled same. Pulled tubing out of hole and checked tubing and bit as went in hole, checking all connections.

WELL LOG
DETAIL DATA
GULF H 1226-A

DATE 2-26-53 SHEET NO. 4 V

LEASE Hayes Unit #1 WELL NO. 2(20) FIELD Hayes, La.

DIRECTIONAL, DEVIATION, ELECTRICAL, DRILL STEM TESTS, CORES, PRODUCTION TESTS, SQUEEZE JOBS, ETC.

Summary:

On November 30, 1952 mud started cutting back from 16.6# to 9.1#, while fishing for 2-7/8" OD Hydril tubing. Conditioned mud at different intervals at certain depths, but failed to keep mud weight from being cut. Shut pump down and mixed or built mud weight up to a maximum weight of 10.1#. Changed out Work-Over, Inc. rig and Hinkle Drilling Company moved in and rigged up. Bled pressure off annulus of 7" casing and 3-1/2" drill pipe at different times. Started circulating at 8:00 A.M., 12-19-52 with Halliburton at 6084'. Gas did not cut mud. Started fishing job again. On 1-2-53 perforated casing first time. Set 7" Halliburton Hydraulic tool at 8680'. Circulated and lost circulationand approximately 5 bbls. 16.8# mud. Attempted to pump in annulus 7" and 9-5/8" casing. Failed to pump with tool raised to different levels. Reduced mud weight to 15.8# and did not lose circulation at depth of 8680'. On 1-10-53 perforated interval 2498' to 2502'. Pressured up annulus between 3" drill pipe and 7" casing with 1000#. Circulated 36 bbls. of mud back through drill pipe. Pressure dropped back to 300# and lost circulation. Pumped into 3-1/2" drill pipe with H.R.C. set in 7" casing at 2470'. Regained circulation and pumped gas cuty mud out of 9-5/8" casing raising mud to 16.4#. On 1-21-53 set 5" casing to 11,520' and failed to circulate first time. Pulled casing up and broke circulation with 2000# pressure, at 11,300' and 11,528' Set 5" casing down in 5-9/16" liner. On 2-3-53 finished installing B.O.P. when packer failed to set. Attempted to circulate at 11,545' with rig pumps at 2000# pressure. Required Halliburton service to circulate and condition mud. Drilled out packer and pushed same to bottom at 11,000'. Tried to circulate on 2-6-53 and failed. Pulled up to different depths with rig pump and failed to circulate. With Halliburton pump broke circulation with 3900#. Released Hinkle Drilling Company rig at 8:00 A.M., 2-11-53.

RECEIVED
FEB 13 1953
DEPARTMENT OF MINERALS
LAKE CHARLES

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Lake Charles DISTRICT

WELL COMPLETION OR RECOMPLETION REPORT

OIL WELL ( ) | One copy to be filed with District Office within three (3) days of date of completion or recompletion (as per Order No. 29-A, Section X, Paragraph A, Article 1.) | COMPLETION ( )
DIS. WELL (X) | RECOMPLETION (X)
GAS WELL ( ) | PERMIT SERIAL NO.

PARISH Calcasieu FIELD Hayes, La. SEC. ____ TWP. ____ RNG. ____

COMPANY Gulf Refining Company Houston Prod. Div. LEASE Hayes Unit No. 1 WELL NO. 2

DRILLING CONTRACTOR Hinkle Drlg. Co. DATE SPUDDED (OR W.O.) 11-3-52

DATE COMPLETED OR RECOMPLETED Feb. 10 1953, AT ____ A.M. 3:00 P.M.

C O M P L E T I O N D A T A:

INITIAL PRODUCTION 88.5 BBLS./DAY (NET)

TUBING PRESSURE 2100 #/SQ.IN.GA.FLOWING(X)SHUT IN( )

CASING PRESSURE Zero #/SQ.IN.GA.

CHOKE . . . . SIZE 24/64 POSITIVE ( ) ADJUSTABLE(X)

B.S. & W. 16.2 PERCENT ~~SALT~~ Fresh WATER(X) WASH WATER(1)

GAS VOLUME 8650 MCF/DAY

GAS/OIL RATIO 97,900 CF/BBLS.

GRAVITY 48 (60° A.P.I.)

PRODUCING DEPTH 11,582 FT. TO 11,670 FT. (Sch)

PERFORATED YES (X) NO ( ) BOTTOM TUBING 11,507 FT. SIZE 2-3/8 IN.OD

* CASING (OIL STRING) SIZE 5 IN. I.D.( ) O.D.(X) BOTTOM SEAT 11,548 FT.

TOTAL DEPTH DRILLED 11,685 FT. DERRICK FLOOR ELEVATION ____ FT.

Additional clearance is requested for -- barrels of oil produced on drill-stem or other production tests. (See Section X, Paragraph B, of Order No. 29-A on reverse side.)

GULF REFINING COMPANY -
HOUSTON PRODUCTION DIVISION
COMPANY

D.H. Moore
COMPANY REPRESENTATIVE
Area Production Superintendent

FORM - SDM-1-R
(Over)

* 5-9/16" OD Liner seated at 11,685' - 5" OD casing tied into liner at 11,548'

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

This side to be used when requesting clearance for oil produced on Drill Stem Test or other production tests; made previous to official completion or recompletion.

Section X, Paragraph B of Order No. 29-A

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule;

All operators are required, within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production; as " from 8:00 A. M., August 5 to 3:00 P. M., August 8, 1942."

TEST DATA

DATE OF TEST	TIME OF TEST	AMOUNT OF OIL PRODUCED
_____19___	___.M. TO_____.M.	_____BARRELS
_____19___	___.M. TO_____.M.	_____BARRELS
_____19___	___.M. TO_____.M.	_____BARRELS
_____19___	___.M. TO_____.M.	_____BARRELS
_____19___	___.M. TO_____.M.	_____BARRELS
_____19___	___.M. TO_____.M.	_____BARRELS
_____19___	___.M. TO_____.M.	_____BARRELS
_____19___	___.M. TO_____.M.	_____BARRELS
_____19___	___.M. TO_____.M.	_____BARRELS
_____19___	___.M. TO_____.M.	_____BARRELS
_____19___	___.M. TO_____.M.	_____BARRELS
	TOTAL:	_____BARRELS

The above total barrels of oil was produced from_____Ft. to_____Ft.

REMARKS:

_____

_____

_____

_____
COMPANY

FORM - SDM-1-R
(Over)

_____
COMPANY REPRESENTATIVE

RECEIVED
FEB 13 1953
DEPARTMENT OF MINERALS
LAKE CHARLES

Lafayette, Louisiana
February 11, 1953

Mr. Arsene P. Edwards
Minerals Division
Department of Conservation
200 Pioneer Building
Lake Charles, Louisiana

Dear Sir:

Attached is a recompletion report for our Hayes Unit No. 1 Well No. 2, Hayes Field, Calcasieu Parish, Louisiana. As reported, the well was restored to production at 3:00 P.M., February 10, 1953.

Work just completed on the well was to eliminate pressure on casing strings. There was no change in the producing interval.

Request that you have a representative test the well, and that you assign the well a daily gas allowable of 10,000 MCF per day effective the day the well was restored to production.

Gas produced from this well will be sold to United Gas Company. No gas will be flared.

Details of the repair work performed in this well will be furnished to you as soon as practicable in the form of a copy of the well log.

Yours very truly,

GULF REFINING COMPANY
HOUSTON PRODUCTION DIVISION

N. H. Moore
Area Production Superintendent

VTJ:eml
cc: Mr. E. L. Petree
Mr. T. P. Fulton
Mr. Ken McLaughlin
Houston, Texas
Mr. A. C. Hatfield
Mr. H. L. Scott
Harvey, Louisiana
Mr. V. T. Jones, Jr.
Production Clerk
File
Building

RECEIVED
FEB 17 1953
DEPARTMENT OF MINERALS
LAKE CHARLES

POTENTIAL REPORT

545.29
381.89
163.40

OIL WELL _____ COMPLETION _____

DISTILLATE WELL _____ RECOMPLETION ✓

****

GAS WELL ✓ RETEST _____

PARISH Cal. TIME GAUGED 24 HOUR

FIELD Hayes Field OPENING TANK GAUGE 5' 2 3/4"

WELL NAME & NO. Hayes Unit 1 Well # 2 CLOSING TANK GAUGE 7' 0 1/2"

COMPANY Gulf Oil & Refg Co DIFFERENCE 1' 9 3/4" 21 3/4"

PERMIT NO. _____ SERIAL NO. _____ TANK NUMBER # 3

LOCATION: SEC. ____ TWP. ____ RANGE ____ TANK COEF.(BBLS. PER INCH) Horizontal

DATE COMPLETED _____ BARRELS PER 24 HOURS 163.40 net

DATE GAUGED 2/15/53 2/16/53 ESTIMATED BBLS. PER DAY 163.40 "

FLOWING OR PUMPING Flow CHOKE SIZE 1/2 on true TYPE _____

PRODUCING HORIZON _____ DAILY GAS VOLUME ~~14,500~~ 10,464.54 "M":CU.FEET

PRODUCING FROM _____ TO _____ GAS/OIL RATIO : ~~105000/1~~ 64042/1

PERFORATED FROM _____ TO _____ TUBING PRESSURE 2850 LBS.SQ.IN.

CASING SEAT _____ FEET CASING PRESSURE 1050 LBS.SQ.IN.

TUBING: SIZE ____ IN. BOTTOM _____ PERCENT B.S.&/OR S.W. 10%

TOTAL DEPTH _____ CORRECTED GRAVITY 48 DEGREES A.P

ACIDIZE WITH _____ GALLONS ELEVATION OF DERRICK FLOOR _____

WITNESSED E. P. Darce GAUGED BY Roland L Romero

Inspector or Engineer, DEPARTMENT OF CONSERVATION Wm M. Regan Jr.

TITLE Head Pumper DISTRICT OFFICE _____

CURRENT DATE _____

REMARKS: 90" X 780# 6" X 2 1/2" Flange

THOUSANDS

Form SDM #2 Reg Lease 800# on separator

71523 L 267.437 X 0.9129

RECEIVED
MAR 7 195
DEPARTMENT OF MINERALS
LAKE CHARLES

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

- WELL CASING RECORD -

Permit No. _____ Serial No. 26358 Date 3-5- 1953

Operator Gulf Refining Co. Houston Prod. Div. Field Hayes Parish Calcasieu

Lease Hayes Unit #1 Well No. 2 Sec. 18 T. 11S R. 5W

Began ~~Drilling~~ Workover 11-3- 1952 Completed 2-9- 1953 Total Depth 11,784'(Orig.)

Type Well: Oil _____ Gas _____ Condensate X Dry Hole _____

Casing Used:	SIZE	WEIGHT LB. PER FT.	MAKE	GRADE	LENGTH	NO. SKS. CEMENT
Conductor						
Surface						
Intermediate						
Production	5"	18#	N-80	X-Line Box & Pin SS	11,512.26'	775
Tubing						
Liner						

Casing Pulled: (Insert Quantity and Description)

Remarks: Ran 5" O. D. casing and completed job at 8:00 A.M., 1-21-53.

Company Representative [signature]

Department of Conservation Agent _____

P.A.D. #1

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

WORK PERMIT

PERMIT TO: _____ DATE: _____

PARISH: _____ FIELD: _____

COMPANY: _____

ADDRESS: _____

WELL NAME: _____ NO. _____ SEC. _____ T. _____ R. _____

WELL PERMIT SERIAL NO.: _____ WORK PERMIT NO.: _____

LOCATION: _____

YOU ARE HEREBY AUTHORIZED TO: _____

_____

_____

_____ TD _____

PERMIT REQUESTED BY: _____
Company Representative

AUTHORIZED BY: _____

_____
District Office

Form DM-4R

SPERRY-SUN
SURVEY TABULATION SHEET

COMPANY Coastal States Gas Prod. Co.

FIELD South Hayes

WELL Andrus Unit #1 Well #1

~~COUNTY~~ OR PARISH Calcasieu

IN RUN

SHEET NO. 1 OF 2

JOB NO. SUR-4352

DATE 6-5-62

CORRECTED TIME	MEASURED DEPTH COURSE	MEASURED DEPTH TOTAL	VERTICAL DEPTH COURSE	VERTICAL DEPTH TOTAL	DIRECTION OF INCLINATION OBSERVED	DIRECTION OF INCLINATION CORR.	DIRECTION OF INCLINATION CORRECTED	ANGLE OF INCLINATION	100' COURSE DISPLACEMENT NORTH	100' COURSE DISPLACEMENT SOUTH	100' COURSE DISPLACEMENT EAST	100' COURSE DISPLACEMENT WEST	MEASURED COURSE DISPLACEMENT NORTH	MEASURED COURSE DISPLACEMENT SOUTH	MEASURED COURSE DISPLACEMENT EAST	MEASURED COURSE DISPLACEMENT WEST	TOTAL DISPLACEMENT NORTH	TOTAL DISPLACEMENT SOUTH	TOTAL DISPLACEMENT EAST	TOTAL DISPLACEMENT WEST
1-01-30	250	250	250.00	250.00		3E		0												
04-00		500	250.00	500.00		3E		0												
06-18		750	250.00	750.00		3E		0												
08-48		1000	250.00	1000.00	N 52 W	3E	N 47 W	1/4	.29			.38	.73			.83	.73			.83
11-05		1250	250.00	1250.00	N 61 W	4E	N 57 W	1/4	.24			.37	.60			.93	1.33			1.76
13-01		1500	250.00	1500.00		4E		0									1.33			1.76
15-16		1750	250.00	1750.00	N 40 W	3E	N 36 W	1/2	.71			.51	1.78			1.28	3.11			3.04
17-08		2000	250.00	2000.00	N 21 W	3E	N 17 W	1/4	.42			.13	1.05			.33	4.16			3.37
19-25		2250	250.00	2250.00	S 82 W	5E	S 87 W	1/4		.02		.44		.05		1.10	4.11			4.47
21-43		2500	249.98	2499.98	S 50 W	5E	S 55 W	3/4		.75		1.07		1.88		2.68	2.23			7.15
26-43		2750	250.00	2749.98	S 20 W	5E	S 25 W	1/4		.40		.18		1.00		.45	1.23			7.60
28-45		3000	250.00	2999.98		6E		0									1.23			7.60
30-55		3250	250.00	3249.98	S 34 W	6E	S 40 W	1/4		.33		.28		.83		.70	.40			8.30
32-34		3500	250.00	3499.98	S 71 E	6E	S 65 E	1/4		.18	.40			.45	1.00			.05		7.30
34-40		3750	250.00	3749.98	N 83 E	6E	N 89 E	1/2	.02		.87		.05		2.18		.00			5.12
36-33		4000	250.00	3999.98	N 70 E	7E	N 77 E	1/2	.20		.85		.50		2.15		.50			2.99
39-02		4250	250.00	4249.98	N 35 E	7E	N 42 E	1/4	.32		.29		.80		.73		1.30			2.26
41-33		4500	250.00	4499.98	N 34 E	7E	N 36 E	1/4	.36		.26		.88		.65		2.18			1.61
43-52		4750	250.00	4749.98	S 15 E	7E	S 08 E	1/2		.43	.06			1.08	.16		1.10			1.46
46-09		5000	250.00	4999.98	N 80 E	8E	N 88 E	1/2	.03		.87		.08		2.18		1.18		.72	
53-40		5250	249.95	5249.93	N 73 E	8E	N 84 E	1	.27		1.72		.66		4.30		1.86		6.02	
55-33		5500	249.98	5499.91	N 71 E	8E	N 79 E	3/4	.25		1.28		.63		3.20		2.49		8.22	
57-27		5750	250.00	5749.91	S 45 E	9E	S 76 E	1/2		.21	.85			.53	2.13		1.96		10.35	
59-20		6000	249.98	5999.89	N 73 E	9E	N 82 E	3/4	.18		1.30		.46		3.25		2.41		13.60	
2-01-00		6250	249.95	6249.84	N 63 E	9E	N 72 E	1	.54		1.66		1.35		4.15		3.76		17.75	
02-40	250								3.82	2.32	10.41	8.31	9.58	6.82	26.05	8.80				

CALCULATED BY _____ CHECKED BY _____

FORM SP-43 (REV. 3)

SPERRY-SUN
SURVEY TABULATION SHEET

COMPANY COASTAL STATES GAS PROD. Co.

FIELD SOUTH HAYES

WELL ANDRUS UNIT 1 WELL #1

COUNTY OR PARISH CALCASIEU, LOUISIANA

SHEET NO. 2 OF 2

JOB NO. SUR-4352

DATE 6-5-62

[illegible] RUN

CORRECTED TIME	MEASURED DEPTH COURSE	MEASURED DEPTH TOTAL	VERTICAL DEPTH COURSE	VERTICAL DEPTH TOTAL	DIRECTION OF INCLINATION OBSERVED			CORR.	CORRECTED			ANGLE OF INCLINATION	100' COURSE DISPLACEMENT NORTH	SOUTH	EAST	WEST	MEASURED COURSE DISPLACEMENT NORTH	SOUTH	EAST	WEST	TOTAL DISPLACEMENT NORTH	SOUTH	EAST	WEST
04-21	250	6500	249.98	6499.82	N	85	E	9E	S	86	E	[illegible]	[illegible]	.09	1.31		[illegible]	.23	3.28		3.53		21.05	
06-14		6750	249.98	6749.80	N	59	E	9E	N	68	E	[illegible]	.49		1.21		1.83		3.03		4.76		24.06	
07-59		7000	249.95	6999.75	N	[illegible]	E	9E	N	25	E	1	1.58		.74		3.95		1.85		8.71		25.91	
09-34		7250	249.95	7249.70	N	07	E	10E	N	17	E	1	1.67		.51		4.18		1.28		12.89		27.19	
16-56		7500	250.00	7499.70	N	46	W	10E	N	[illegible]	[illegible]	1/2	.71			.51	1.78			1.28	14.67		25.91	
20-04		7750	249.85	7749.55	N	60	E	11E	N	71	E	2	1.14		3.30		2.85		8.25		17.52		34.16	
21-45		8000	249.85	7999.40	N	60	E	11E	N	71	E	2	1.14		3.30		2.85		8.25		20.37		42.41	
23-26		8250	249.93	8249.33	N	58	E	12E	N	69	E	1 1/2	.94		2.44		2.35		6.10		22.72		48.51	
25-19		8500	249.95	8499.28	N	78	E	11E	N	89	E	1	.08		1.74		.08		4.35		22.80		52.86	
27-00		8750	249.98	8749.26	S	82	E	11E	S	71	E	3/4		.43	1.24			1.08	3.10		21.72		55.96	
28-46		9000	249.95	8999.21	S	77	E	12E	S	66	E	1		.74	1.58			1.85	3.95		19.87		59.91	
30-46	250	9250	249.95	9249.16	S	50	E	12E	S	38	E	1		1.38	1.07			3.45	2.68		16.42		62.59	
2-33-05	150	9400	149.97	9399.13	S	52	E	12E	S	40	E	1		1.34	1.12			2.01	1.68		14.41		64.27	
													7.70	2.64	18.24	.51	19.27	6.61	46.18	1.28				

HORIZONTAL DISPLACEMENT = 65.71' AT NORTH 77° 22' EAST

SURVEY RAN & CALCULATED BY REX HEBERT & CARL CHITTE

CALCULATED BY _____ CHECKED BY _____

FORM SP-42 (REV 3)

SHELTON OIL SERVICE COMPANY

REPORT OF SURVEY

JULY 20,1962

MICKEY CUSACK TRUSTEE, ANDRUS GAS UNIT 1
WELL NO.1,HAYES FIELD, CALCASIEU PARISH,LA.

JOB NO. 1162

	MEASURED DEPTH	TRUE ANGLE	TRUE VERTICAL DEPTH	DRIFT DIRECTION	TOTAL NORTH	TOTAL SOUTH	TOTAL EAST	TOTAL WEST
	PREVIOUS SURVEY TO 9250 FEET							
	9250	1° 00'	[illegible]	N 38° E	16 40		62 59	
1	9361	3° 45'	9359 [illegible]	N 60° W	20 03		56 30	
2	9385	7° 45'	9383 [illegible]	N 36° W	22 65		54 40	
3	9460	9° 30'	9457 68	N 28° W	33 59		48 59	
4	9522	11° 15'	9518 49	N 24° W	[illegible] 64		43 67	
5	9592	11° 15'	9587 [illegible]	N 19° W	57 55		39 23	
6	9637	8° 45'	9631 62	N 20° W	63 99		36 89	
7	9687	12° 00'	9680 [illegible]	N 12° E	74 16		39 05	
8	9736	11° 30'	9728 [illegible]	N 17° E	83 51		41 91	
9	9800	15° 00'	9790 37	N 10° E	99 82		44 79	
10	9841	14° 45'	9830 02	N 12° E	110 03		46 96	
11	9893	18° 45'	9879 [illegible]	N [illegible] E	125 [illegible]		53 49	
12	9932	18° 00'	9916 [illegible]	N 30° E	135 [illegible]		59 52	
13	9957	18° 00'	9940 13	N 37° E	[illegible]		64 17	
14	9997	27° 30'	9975 61	N [illegible] E	155 51		76 77	
15	10027	29° 30'	10001 71	N 47° E	165 59		87 57	
16	10083	29° 30'	10050 45	N [illegible] E	183 68		108 39	
17	10148	29° 00'	10107 30	N 51° E	203 51		132 88	
18	10237	27° 00'	10186 60	N 56° E	226 11		166 38	
19	10329	26° 00'	10269 29	N 57° E	248 08		200 21	
20	10398	23° 45'	10332 45	N 55° E	264 02		222 98	
21	10460	24° 45'	10388 75	N 56° E	278 54		244 51	
22	10602	22°15'	10520 17	N 60° E	305 42		291 07	
23	10700	21° 00'	10611 66	N 61° E	322 45		321 79	

FINAL CLOSURE: 455.62 FEET NORTH [illegible] EAST OF THE SURFACE LOCATION.

SHELTON OIL SERVICE COMPANY - - - OPERATOR: L.L. SHELTON

We certify that to the best of our [illegible] this is a true and [illegible] report and [illegible] a true and [illegible] conditions of the [illegible] made.

SHELTON OIL SERVICE CO.
DIRECTIONAL DRILLING
[illegible]

025800

Subscribed and sworn to me this 21st day of July A.D.1962, At Houston Harris County, Texas.

[illegible] Notary.

GO-INC.
FORT WORTH, TEXAS

JOB DATA SHEET

Date 3-25-69
Job No. 123
R/A Truck No. 444
Job Ticket No. 915-1

Customer Gulf Oil Co. U.S. Address Box 1269 Jackson Miss
Lease and Well No. Hayes Unit 1 well #2
State LA County Calcasieu Field Hayes
Legal Description _____ Customer Order No. _____

Well Data

Casing Size 5½ Weight 17#
Tubing Size 2 3/8 Seating Nipples _____
T.D. (Customer) _____ Fluid Level _____
T.D. (Go) _____ Type of Fluid _____
Well Pressure _____ Res. Pressure _____
Max. Temp. Degrees F. _____
Threads for Lubricator 2 3/8
Zero 13 ABHF

Perforating ☐ Casing ☐ Open Hole

Type Gun _____ Charge Size _____
From _____ To _____ Holes/Ft. _____
From _____ To _____ Holes/Ft. _____
From _____ To _____ Holes/Ft. _____
From _____ To _____ Holes/Ft. _____
From _____ To _____ Holes/Ft. _____
From _____ To _____ Holes/Ft. _____
From _____ To _____ Holes/Ft. _____

Logging Tool No. _____

☐ G/R ☐ N _____ In. Scale From _____ To _____
☐ G/R ☐ N _____ In. Scale From _____ To _____
Log Measured From _____ Elev. _____
Drilling Measured From _____ Elev. _____
Permanent Datum From _____ Elev. _____
First Run ☐ Subsequent Run ☐

Plugs—Packers—Dump Bailers, Etc. Baker ☐ Go ☐ Other ☐
Model _____ Size _____ Type _____ At _____ Ft.
Serial No. _____
Baker Basket ☐ Yes ☐ No

STRETCH (by curve) AT _____ FT. _____

	RUN No. 1 IN	RUN No. 1 OUT	RUN No. 2 IN	RUN No. 2 OUT	RUN No. 3 IN	RUN No. 3 OUT
LAST FLAG AT LINE SPOOLER						
FIRST FLAG AT LINE SPOOLER						
DIFFERENCE (Stretch by Odometer)						
	RESET		RESET		RESET	
ODOMETER BOTTOM						
FLAG BOTTOM						
ODOMETER	IN	OUT	IN	OUT	IN	OUT

CONDITIONS OF THIS CONTRACT

TO GO, INC.

You are hereby requested to furnish the service and materials and equipment herein set forth upon the following terms and conditions, to wit:

The undersigned, as customer, agrees to pay you for the service and/or materials ordered hereunder at the office of Go, Inc., Fort Worth, Texas. Should any account not be paid within the term fixed by the invoice, interest will be charged at the rate of eight per cent (8%) per annum from date of such invoice.

In the event you employ an attorney to enforce any claims of indebtedness against the undersigned customer, said customer agrees to pay all costs of collection and reasonable attorney's fees which, in no event, shall be less than the sum of $75.00.

The above described work shall be performed by you as an independent contractor. However, it is understood and agreed that you do not guarantee the results of your service and shall not be liable for injury to persons or to property of well owners and/or customers unless caused by your willful negligence, this provision applying, but not limited to, sub-surface damage and surface damage arising from subsurface damage. Well owner and/or customer shall be responsible for and secure you against any liability for reservoir loss or damage or personal or property damage arising from a well blowout, unless such loss or damage is caused by your willful negligence. The well owner or drilling company will pay for the actual cost of replacing or repairing the well service equipment, or any part thereof, if same should be lost or damaged while being used in performing the work on the above described well.

Should any of your instruments, tools, or equipment be lost or destroyed in the rendition of your service, customer agrees to use all reasonable diligence, and facilities available to recover the same, and customer agrees to reimburse you for the reasonable value of any instrument, tools, or other personal property that cannot be recovered within sixty (60) days, or for the cost of repairing any damage to items recovered.

Customer agrees that all depth measurements shall be made by it or its employees, and shall be supervised by customer or its employees.

Customer certifies that it is the owner of the well on which the work herein ordered is to be done; or that it has the full right and authority to order such work done on such wells; and that the well in which the work is to be done by you is in proper and suitable condition for the performance of said work.

Customer further agrees that the terms and conditions herein set forth constitute the entire agreement and that no employee of your company is authorized to alter the terms hereof. I have read and understand the terms of this agreement and represent that I am authorized to sign the same as agent of customer.

_____ Customer

_____ Agent

Form No. 112

MAY 11 1970
FORT WORTH
LAKE CHARLES

TO-INC
FORT WORTH, TEXAS

Date 3-23-70
Job No. 121
R/A Truck No. 442
Job Ticket No. 45449

JOB DATA SHEET

Customer Gulf Oil Co. U.S. Address Box 1269 Jackson Miss
Lease and Well No. Hayes Unit 1 Well #2
State LA County Calcasieu Field Hayes
Legal Description Customer Order No.

Well Data

Casing Size 5 1/2 Weight
Tubing Size 2 3/8 Seating Nipples
T.D. (Customer) Fluid Level
T.D. (Go) Type of Fluid
Well Pressure Res. Pressure
Max. Temp. Degrees F.
Threads for Lubricator 2 3/8
Zero 13 ABHF

Perforating ☐ Casing ☐ Open Hole

Type Gun Charge Size
From To Holes/Ft.
From To Holes/Ft.
From To Holes/Ft.
From To Holes/Ft.
From To Holes/Ft.
From To Holes/Ft.
From To Holes/Ft.

Logging Tool No.

☐ G/R ☐ N In. Scale From To
☐ G/R ☐ N In. Scale From To
Log Measured From Elev.
Drilling Measured From Elev.
Permanent Datum From Elev.
First Run ☐ Subsequent Run ☐

Plugs—Packers—Dump Bailers, Etc. Baker ☐ Go ☐ Other ☐
Model Size Type At Ft.
Serial No.
Baker Basket ☐ Yes ☐ No

STRETCH (by curve) AT FT.

	RUN No. 1 IN	RUN No. 1 OUT	RUN No. 2 IN	RUN No. 2 OUT	RUN No. 3 IN	RUN No. 3 OUT
LAST FLAG AT LINE SPOOLER						
FIRST FLAG AT LINE SPOOLER						
DIFFERENCE (Stretch by Odometer)						
	RESET		RESET		RESET	
ODOMETER BOTTOM						
FLAG BOTTOM						
ODOMETER	IN	OUT	IN	OUT	IN	OUT

CONDITIONS OF THIS CONTRACT

TO GO, INC.

You are hereby requested to furnish the service and materials and equipment herein set forth upon the following terms and conditions, to wit:

The undersigned, as customer, agrees to pay you for the service and/or materials ordered hereunder at the office of Go, Inc., Fort Worth, Texas. Should any account not be paid within the term fixed by the invoice, interest will be charged at the rate of eight per cent (8%) per annum from date of such invoice.

In the event you employ an attorney to enforce any claims of indebtedness against the undersigned customer, said customer agrees to pay all costs of collection and reasonable attorney's fees which, in no event, shall be less than the sum of $75.00.

The above described work shall be performed by you as an independent contractor. However, it is understood and agreed that you do not guarantee the results of your service and shall not be liable for injury to persons or to property of well owners and/or customers unless caused by your willful negligence, this provision applying, but not limited to, sub-surface damage and surface damage arising from subsurface damage. Well owner and/or customer shall be responsible for and secure you against any liability for reservoir loss or damage or personal or property damage arising from a well blowout, unless such loss or damage is caused by your willful negligence. The well owner or drilling company will pay for the actual cost of replacing or repairing the well service equipment, or any part thereof, if same should be lost or damaged while being used in performing the work on the above described well.

Should any of your instruments, tools, or equipment be lost or destroyed in the rendition of your service, customer agrees to use all reasonable diligence and facilities available to recover the same, and customer agrees to reimburse you for the reasonable value of any instrument, tools, or other personal property that cannot be recovered within sixty (60) days, or for the cost of repairing any damage to items recovered.

Customer agrees that all depth measurements shall be made by it or its employees, and shall be supervised by customer or its employees.

Customer certifies that it is the owner of the well on which the work herein ordered is to be done, or that it has the full right and authority to order such work done on such wells; and that the well in which the work is to be done by you is in proper and suitable condition for the performance of said work.

Customer further agrees that the terms and conditions herein set forth constitute the entire agreement and that no employee of your company is authorized to alter the terms hereof. I have read and understand the terms of this agreement and represent that I am authorized to sign the same as agent of customer.

MAY 11 1970
LAKE CHARLES
FORT WORTH

Customer

Form No. 112

Work Permit

STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

Well Name & No. Hayes Unit 1 Well No. 2 Sec. 18 T 11S R 5W

Field Hayes Parish Calcasieu

Permit Serial No. 26358 Work Permit No. 920-70

Description of Work Squeeze perforations 11,582-606' and 11,625-70' and perforate 11,622-30'.

Sand & Reservoir To Be Tested South Cibicides

Operator Gulf Oil Corporation

Address P. O. Box 51327

City, State & Zip Lafayette, Louisiana 70501

Permit Requested By R. F. Bronte Date 6-30-70

R. F. Bronte

Permit Authorized By District Date 7/2

See Instructions On Reverse Side

Form DM-4R Rev.

INSTRUCTIONS

A single application will suffice for one, or combinations of, the below operations provided that if more than one operation is requested on one form, such work must be performed consecutively.

If additional applications for Work Permits are necessary on any one well, each should be numbered 1, 2, etc. in the order requested. An original and one copy of this form will suffice for all work with exception of plug and abandon, for which an original and three copies are required.

LAKE CHARLES
JUL 1 1970
DEPT. CONSERVATION

1. Abandon (Plug & Abd)
2. Deepen
3. Perforate
4. Squeeze
5. Plugback
6. Sidetrack
7. Pull Casing
8. Change Zone of Selective Completion
9. Drill Salt Water Disposal Well
10. Convert to Salt Water Disposal Well
11. Drill Product Storage Well

NOTICE: To perform any of the above, as well as any other possible operations in Louisiana, without first obtaining a Permit is an infraction of the law and subject to prosecution.

Work Permit

STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

Well Name & No. Hayes Unit 1 Well No. 2 Sec. 18 T 11S R 5W

Field Hayes Parish Calcasieu

Permit Serial No. 26358 Work Permit No. 1646-70

Description of Work Cement squeeze perforations 11,622-30' and perforate 11,576-86'.

TD 11,685'

Sand & Reservoir To Be Tested South Cibicides

Operator Gulf Oil Corporation

Address P. O. Box 51327

City, State & Zip Lafayette, Louisiana 70501

Permit Requested By R. F. Bronte Date 1-6-71

Permit Authorized By W. Allen District L. C. Date 1-11-71

See Instructions On Reverse Side

Form DM-4R Rev.

INSTRUCTIONS

A single application will suffice for one, or combinations of, the below operations provided that if more than one operation is requested on one form, such work must be performed consecutively.

If additional applications for Work Permits are necessary on any one well, each should be numbered 1, 2, etc. in the order requested. An original and one copy of this form will suffice for all work with exception of plug and abandon, for which an original and three copies are required.

LAKE CHARLES
JAN 7 1971
CONSERVATION

1. Abandon (Plug & Abd)
2. Deepen
3. Perforate
4. Squeeze
5. Plugback
6. Sidetrack
7. Pull Casing
8. Change Zone of Selective Completion
9. Drill Salt Water Disposal Well
10. Convert to Salt Water Disposal Well
11. Drill Product Storage Well

NOTICE: To perform any of the above, as well as any other possible operations in Louisiana, without first obtaining a Permit is an infraction of the law and subject to prosecution.

CEMENTING SERVICE REPORT

DWL-496-H PRINTED IN U.S.A.

DOWELL

TREATMENT NUMBER	STAGE	DOWELL STATION	DATE
14-08-5369		L. Charles	1-9-71

WELL NAME AND NO.: Hayes #1

LOCATION-POOL-FIELD: Hayes

FORMATION:

DOWELL ENGINEER: [illegible]

COUNTY: Calcasieu

STATE: LA

NAME: Gulf Oil Co

AND: 1269

ADDRESS: Jackson, Miss

ZIP CODE

SPECIAL INSTRUCTIONS

5 ϕ Perf w/ 75 SX D

RIG NAME: Lafayette Well Ser

WELL DATA

HOLE SIZE	CASING	A	B	C	D
DEPTH	SIZE-WEIGHT	5	5 1/2		
☐ ROT ☐ CABLE	LENGTH				
BHST	GRADE				
BHLT	THREAD	8 rd			
BHCT	CAPACITY		4 3/4		

MUD: TYPE WT. VISC.

SHOE FLOAT		STAGE TOOL	
TYPE		TYPE	
DEPTH		DEPTH	
TYPE		TYPE	
DEPTH		DEPTH	

☑ TBG ☐ D.P.	HEAD & PLUGS	SQUEEZE JOB
SIZE 2 3/8	☐ DOUBLE	TOOL TYPE M-M
WEIGHT	☐ SINGLE	DEPTH 11430
GRADE	☐ SWAGE	TAIL PIPE: IN. FT.
THREAD 8 rd	☐ KNOCKOFF	PERF INTERVAL 11622-30 FT.
☐ NEW ☑ USED	TOP ☑ R ☐ W	TO
DEPTH 11430	BOT ☐ R ☐ W	TO
CAPACITY 45	OTHER	TO

PRESSURE LIMIT PSI | BUMP PLUG TO PSI MIN

☐ ROTATE RPM ☐ RECIPROCATE FT ☐ CENTRALIZERS NO

JOB SCHEDULED FOR TIME: 1700 DATE: 1-7-

ARRIVED ON LOCATION TIME: 1700 DATE: 1-7-

LEFT LOCATION TIME: 0300 DATE: 1-9-71

TIME	PRESSURE TBG. OR D.P.	PRESSURE CASING	VOLUME PUMPED	INJECT. RATE	SERVICE LOG DETAIL
1600					Leave yard 1-7-71
1700					on Loc Rig up
					7 G.M
1900					Leave Loc weather to bad
					to work
1600					Leave yard w/ crew 1-8-71
1700					On Loc - Rig Run tub in
					hole
1800					Test Lines to 6000 And Tub
					tub Leak Pull out 31 Stand
					Lay down Gone go back in hole
2330					Test 6000. Tub holding
1200					mix Cmt (Batch mix)
1215	1200	0	45	2	Start H2O - 14 bbls cmt 5 H2O
0100	5800	1500		1/4	9 bbls Cmt out Form 5800 SQ off
					Rev ~~[illegible]~~ Cmt out 5 in Casing
0300					Leave Loc
0500					On yard 1-9-71

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS	SLURRY MIXED VOL.	SLURRY MIXED WT.
I.	75	1.08	1% D-60	14.4	16.3
II.					
III.					

BREAKDOWN FLUID Salt H2O WT.

☐ HESITATION SQ. ☑ RUNNING SQ.

BREAKDOWN 5000 PSI FINAL 5800 PSI

WASHED THRU ☐ YES ☑ NO TO FT

TYPE OF WELL ☑ OIL ☐ STORAGE ☐ BRINE/WATER ☐ GAS ☐ INJECTION ☐ WILDCAT

SACKS MIXED PUMPED

CIRCULATION LOST ☐ YES ☑ NO

MEASURED ☑ DISPLACEMENT ☐ WIRELINE

CUSTOMER REPRESENTATIVE: Nassar

PRESSURE MAX: MIN:

CEMENT CIRCULATED TO SURF. ☐ YES ☐ NO

CEMENT LEFT IN PIPE: 190 FT.

☑ AS PLANNED ☐ UNAVOIDABLE

DOES CUSTOMER CONSIDER SERVICE: ☐ SATISFACTORY ☐ UNSATISFACTORY ☐ UNKOWN

T. CONSERVATION
JAN 12 1971
LAKE CHARLES

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

WELL COMPLETION OR RECOMPLETION REPORT

Lake Charles DISTRICT Re: Well Serial No.: 26358

Completed	[ ]	Flowing	[X]	Operator:	Gulf Oil Corporation
Recompleted	[X]	Gas-Lifting	[ ]	Well Name:	Hayes Unit 1
Oil	[ ]	Pumping	[ ]	Well No.:	2, Sec. 18, Twp. 11S, Rge. 5W
Gas	[X]	Shut-In	[ ]	Field	Hayes
				Parish	Calcasieu

Date Completed or Recompleted 1-24-71 at 12:00 Noon (a.m.) (p.m.)

COMPLETION DATA

Initial Production 21.4 BOPD Gas Volume 2150 MCF/Day

Tubing Pressure 2050 psig Casing Pressure 0 psig

Choke Size Adj. Positive Adjustable B.S.&W. 2/10 %

Gas/Oil Ratio 100,467 CF/Bbl. Gravity 48.3 at 60° A. P. I.

Producing Depth: From 11,576 Ft. to 11,586 Ft. T. D. 11,685 Ft.

Name of Producing Sand: South Cibicides

*~~XXXXXXXX~~ *Old Pool List Reason(s) for Pool Classification

*As Defined in Statewide Order No. 29-H.

Additional clearance is requested for - barrels of oil produced on drill stem or other production tests (See Section X, Paragraph B of Order No. 29-B on reverse side).

Three (3) copies to be filed with the District Office within three (3) days of date of completion or recompletion (as per Order 29-B, Section X, Paragraph A, Article 1).

I hereby certify that the above information is true and correct to the best of my knowledge.

DISTRICT MANAGER ONLY

29-E Compliance - Yes ___ No ___
29-E Unit Attached - Yes ___ No ___
DATE: ___

Gulf Oil Corporation
COMPANY

Original Signed By
R. F. Bronte
COMPANY REPRESENTATIVE

Area Engineer
TITLE

JAN 28 1971
LAKE CHARLES

Form - Comp.

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

> All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

TEST DATA

Date of Test	Time of Test	Amount of Oil Produced
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels

TOTAL _____ BARRELS

The above total barrels of oil were produced from _____ Ft. to _____ Ft.

Remarks: _____

_____

COMPANY

From - Comp.

(Signed) COMPANY REPRESENTATIVE

POTENTIAL REPORT

Type Well: Oil _____ Gas ✓ Distillate _____

Type Test: Comp. _____ Recomp. ✓ Retest _____ Regauge _____

Parish Jeff. Davis Field Hayes

Company Gulf Oil Co. Serial No. 10885

Well Name & No. Hayes Unit I #2

Location: Sec. 18 Twp. 5S Rge. 5W Flowing ✓ Pump _____

Prod. Horizon Gb Haz Perf. Int. 11570 to 11586

Casing Setting: Size 5 @ 11548

Tubing Setting: Size 2 3/4 @ 11404 T.D. 11600

Date Completed 2-3-71 Date Gauged 2-19-71

Acidize with _____ gals. Elev. of Derr. Floor _____

TEST DATE

T. P. 2150 C. P. 0 Choke Size Fdj /64th

Closing TK Gg 02.88 ft. _____ in. @ 11:30 AM Time

Opening TK Gg 00.00 ft. _____ in. @ 8:30 AM Time

Diff. 2.88 ft. _____ in. 3 Hours (Time)

Tank No. Metered Tank Coef. 1.00

Bbls. per 3 Hrs. 2.88 Est. Bbls. per Day 21

Daily Gas Vol. 2150 M.C.F. G/O Ratio 102380

B.S.&W. 1/10 % Corrected Gravity 48.3 Deg. A.P.I.

Witnessed J. W. Donahue Title _____

Gauged by Raymond Dick Title _____
Department of Conservation

District Office Lake Charles

Remarks: 640# @ 10"
6 x 2 O.P.
Std Chart 1500# @ 100"

5-75

Form S D M-2

DEPARTMENT OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO.: 26358

PRODUCING INTERVAL: 11,576'-11,586'

RESERVOIR (COMPANY SAND IDENTIFICATION): South Cibicides

Three typewritten copies of this report must be filed with the District Office of the Department of Conservation in which the well is located within twenty (20) days of the date of completion: NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

DESIGNATE TYPE OF COMPLETION: NEW WELL [ ] RECOMPLETION [X] SAME RESERVOIR [X] DIFFERENT RESERVOIR [ ] OIL [ ] GAS [X] P&A [ ]

OPERATOR: Gulf Oil Corporation	ADDRESS: P. O. Box 51327, Lafayette, La. 70501
LEASE NAME: Hayes Unit 1	WELL NO.: 2
PARISH: Calcasieu	SEC. 18 TWP. 11S RGE. 5W
DATE PERMIT ISSUED: -	DATE SPUDDED: -
DATE READY TO PRODUCE*: -	TOTAL DEPTH: 11,685'
PBTD.: 11,600'	GROUND ELEVATION: -
CASING HEAD FLANGE ELEVATION: -	DISTANCE FROM RKB TO CHF: -
DATE WELL TURNED INTO TANKS: -	SINGLE, DUAL OR TRIPLE COMPLETION?: Single
NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION	
WAS WELL DIRECTIONALLY DRILLED?: -	WAS DIRECTIONAL SURVEY MADE?: -
WERE 3 COPIES FILED WITH THE DEPARTMENT OF CONSERVATION?: -	DATE FILED: -
TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH DEPT. OF CONSERVATION): -	DATE FILED: -

CASING, LINER AND TUBING RECORD

CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED	NAME OF TEST WITNESS-STATE IF DEPT. AGENT OR OFFSET OPERATOR
		SAME AS DRILL						

TUBING SIZE: 2 3/8" DEPTH OF TUBING: 11,404' DEPTH OF PACKER(S): 11,404'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	CHOKE SIZE	WELL STATUS
21.4 BOPD	2150 MCF/DAY	Reg.	Flowing

TUBING PRESSURE	CASING PRESSURE	GOR	BS & W	BHP - (SHUT-IN)
2150 psig	0 psig	102,380	0 %	- psi

GRAVITY	CONSERVATION AGENT MAKING GAUGE	COMPANY REPRESENTATIVE	DATE GAUGED
48.3 °API@60°F	Raymond Dick	J. D. Donahue	2-3-71

PLUG AND ABANDON (P&A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF DEPT. AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state: That I am employed by Gulf Oil Corp. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Form WH Signature: Original Signed By R. F. Bronte Title: Area Engr.

* Date well is equipped to produce, but due to no available market, no pipe line connection, etc.; the well has been shut-in.

DEPT. CONSERVATION

FEB 18 1971

LAKE CHARLES

WORK RESUME

List below all work performed under Department of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
1646-70	1-8-71	Dowell	Cement squeeze perforations 11622-30'
	1-15-71	Dresser-Atlas	Perforate 11576-86'

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt tops and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

State of Louisiana

DEPARTMENT OF CONSERVATION

Inter Office

Date: 2/12/73

To: Baton Rouge Office

From: Lake Charles District

Att'n: Fritz Spencer

Enclosed herewith please find application from Gulf Oil Corporation

for permit to amend name their 4 wells

Zone:

Hayes Field, Calcasieu Parish.

Also enclosed please find:

Check No. _____ in the amount of $ _____

Well Location Plat _____

Well Location Certification _____

Form A. D. C. _____

Electric Log _____

Schematic Diagram _____

Applicable Department of Conservation Order No. 29-B Pending Hearing _____ Docket No.

Remarks & Recomendations:

Recommend approval. Name changes made at our request to comply with nomenclature standards. These amendments are exempt from the fee.

Yours very truly,

By: W. C. Wilhite, District Manager

cc: Fred. Audit Section

cc: Geological Survey

LT-1

FORM MD-15-R-C

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION

DISTRICT OFFICE COPY

Amend Well Name

NO. A-C
AMENDED PERMIT (Corrected)

AMENDED PERMIT TO DRILL FOR MINERALS (CORRECTED)

Serial No. 26358 Date February 15, 1973
Parish Calcasieu Field Hayes

Operator Gulf Oil Corporation
Address P.O. Box 51327
City & State Lafayette, Louisiana 70501
Well Name VU A; Hayes U 1 * No 2
Location of Well: Sec. 18 T 11S R 5W
Location Same
*Formerly: Hayes Unit #1

DEPT. CONSERVATION
FEB 20 1973
LAKE CHARLES

Zone or Reservoir of Proposed Completion
Applicable Department of Conservation Order

COMMISSIONER

ISSUING AUTHORITY

Work Permit

STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

Well Name & No. VU A; Hayes U 1 No. 2 Sec. 18 T 11S R 5W

Field Hayes Parish Calcasieu

Permit Serial No. 26358 Work Permit No. 868-7K

Description of Work Set cast iron bridge plug at 11525', dump 10' cement on top of plug.

Perforate 11,145-58'.

Sand & Reservoir To Be Tested Cam 2 TD 11,685'

Operator Gulf Oil Corporation

Address P. O. Box 51327

City, State & Zip Lafayette, La. 70501

Permit Requested By V. T. Jones, Jr. Date 8-22-74

Permit Authorized By District 13 Date 8/26/74

Form DM-49 Rev

INSTRUCTIONS

A single application will suffice for one, or combinations of, the below operations provided that if more than one operation is requested on one form, such work must be performed consecutively.

If additional applications for Work Permits are necessary on any one well, each should be numbered 1, 2, etc. in the order requested. An original and one copy of this form will suffice for all work with exception of plug and abandon, for which an original and three copies are required.

1. Abandon (Plug & Abd)
2. Deepen
3. Perforate
4. Squeeze
5. Plugback
6. Sidetrack
7. Pull Casing
8. Change Zone of Selective Completion
9. Drill Salt Water Disposal Well
10. Convert to Salt Water Disposal Well
11. Drill Product Storage Well

NOTICE: To perform any of the above, as well as any other possible operations in Louisiana, without first obtaining a Permit is an infraction of the law and subject to prosecution.

POTENTIAL REPORT

Type Well: Oil _____ Gas _____ Distillate ✓

Type Test: Comp. _____ Recomp. ✓ Retest _____ Regauge _____

Parish Calcasieu Field Hayes

Company Gulf Oil Corp. Serial No. 26358

Well Name & No. U.U.A. Hayes Unit #1 Well #2

Location: Sec. 18 Twp. 11S Rge. 5W Flowing ✓ Pump _____

Prod. Horizon Cam-2 Perf. Int. 11,145 to 11158 EL

Casing Setting: Size 5" 7" @ 11548 11578

Tubing Setting: Size 2 3/8 @ 11404 T.D. 11685

Date ~~Completed~~ on line 9-3-74 Date Gauged 9-4-74

Acidize with — gals. Elev. of Derr. Floor —

— TEST DATE —

T. P. 4000 C. P. 850 Choke Size 16 /64th

Closing TK Gge. 4 ft. 4 in. @ 3 PM Time

Opening TK Gge. 4 ft. 2 in. @ 12 N Time

Diff. 0 ft. 2 in. 3 Hours (Time)

Tank No. Bullet Tank Tank Coef. 7.71

Bbls. per 3 Hrs 15.42 Est. Bbls. per Day 123.36

Daily Gas Vol. 8,500 M.C.F. G/O Ratio 68904/1

B.S.&W. .1 % Corrected Gravity 49.1 Deg. A.P.I.

Witnessed J. J. Dorman Title Associate P.E.

Gauged by Maurice Schmitt Title Oil + Gas Ins.
Department of Conservation

District Office Lake Charles

Remarks: 700# x 45" x 3 3/4 x 6"

Flg. Conn.

05-75

Form S D M-2

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

WELL COMPLETION OR RECOMPLETION REPORT

Lake Charles DISTRICT Re: Well Serial No.: 26358

Completed [ ] Flowing [X] Operator: Gulf Oil Corporation
Recompleted [X] Gas-Lifting [ ] Well Name: VUA; Hayes U 1
Oil [ ] Pumping [ ] Well No.: 2, Sec. 18, Twp. 11S, Rge. 5W
Gas [X] Shut-In [ ] Field Hayes
Parish Calcasieu

Date Completed or Recompleted 9-3-74 at - (a.m.) (p.m.)

COMPLETION DATA

Initial Production 123 BOPD Gas Volume 8500 MCF/Day

Tubing Pressure 4000 psig Casing Pressure 0 psig

Choke Size 16/64 Positive ____ Adjustable ____ B.S.&W trace %

Gas/Oil Ratio 69,106 CF/Bbl. ____ Gravity 49.1 at 60° A. P. I.

Producing Depth: From 11,145 Ft. to 11,158 Ft. T. D. 11,685 Ft.

Name of Producing Sand: Cam 2

*New Pool *Old Pool List Reason(s) for Pool Classification ____

*As Defined in Statewide Order No. 29-H.

Additional clearance is requested for none barrels of oil produced on drill stem or other production tests (See Section X, Paragraph B of Order No. 29-B on reverse side).

Three (3) copies to be filed with the District Office within three (3) days of date of completion or recompletion (as per Order 29-B, Section X, Paragraph A, Article 1).

I hereby certify that the above information is true and correct to the best of my knowledge.

DISTRICT MANAGER ONLY

29-E Compliance - Yes ____ No ____
29-E Unit Attached - Yes ____ No ____

DATE: ____

Gulf Oil Corporation
COMPANY

COMPANY REPRESENTATIVE
V. T. Jones, Jr.
Area Production Manager
TITLE

Form - Comp.

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

> All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

TEST DATA

Date of Test	Time of Test	Amount of Oil Produced
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels

TOTAL _____ BARRELS

The above total barrels of oil were produced from _____ Ft. to _____ Ft.

Remarks: _____

_____

DEPT. CONSERVATION
SEP 9 1974
LAKE CHARLES

COMPANY (Signed) COMPANY REPRESENTATIVE

From - Comp.

DEPARTMENT OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD	Hayes
SERIAL NO.	26358
PRODUCING INTERVAL	11145 - 11158
RESERVOIR (COMPANY SAND IDENTIFICATION)	Cam 2

Three typewritten copies of this report must be filed with the District Office of the Department of Conservation in which the well is located within twenty (20) days of the date of completion: NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

DESIGNATE TYPE OF COMPLETION: NEW WELL [ ] RECOMPLETION [X] SAME RESERVOIR [ ] DIFFERENT RESERVOIR [X] OIL [ ] GAS [X] P&A [ ]

OPERATOR	Gulf Oil Corporation
ADDRESS	P.O. Box 51327, Lafayette, La.
LEASE NAME	VUA; Hayes U 1
WELL NO.	2
PARISH	Calcasieu
SEC. 18 TWP. 11S RGE. 5W	
DATE PERMIT ISSUED	-
DATE SPUDDED	-
DATE READY TO PRODUCE*	-
TOTAL DEPTH	11,685
PBTD.	11,490
GROUND ELEVATION	9'
CASING HEAD FLANGE ELEVATION	0.00
DISTANCE FROM RKB TO CHF	16.00
DATE WELL TURNED INTO TANKS	-
SINGLE, DUAL OR TRIPLE COMPLETION?	Single
NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION	
WAS WELL DIRECTIONALLY DRILLED?	-
WAS DIRECTIONAL SURVEY MADE?	-
WERE 3 COPIES FILED WITH THE DEPARTMENT OF CONSERVATION?	-
DATE FILED	-
TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH DEPT. OF CONSERVATION)	-
DATE FILED	-

CASING, LINER AND TUBING RECORD

CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED	NAME OF TEST WITNESS-STATE IF DEPT. AGENT OR OFFSET OPERATOR
			(SAME AS DRILL)					

TUBING SIZE: 2 3/8 DEPTH OF TUBING: 11,089 DEPTH OF PACKER(S): 11,089

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: 123 BOPD	GAS VOLUME: 8500 MCF/DAY	CHOKE SIZE: 16/64	WELL STATUS: Flowing
TUBING PRESSURE: 4000 psig	CASING PRESSURE: 0 psig	GOR: 69,106	BS & W: Trace %
BHP - (SHUT-IN): 6031 psi	GRAVITY: 49.1 °API@60°F	CONSERVATION AGENT MAKING GAUGE: -	COMPANY REPRESENTATIVE: G. H. Balthrop
DATE GAUGED: 9-4-74			

PLUG AND ABANDON (P&A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF DEPT. AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state: That I am employed by Gulf Oil Corp. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Form WH Signature: For V. T. Jones, Jr. Title: Area Prod. Manager

* Date well is equipped to produce, but due to no available market, no pipe line connection, etc.; the well has been shut-in.

WORK RESUME

List below all work performed under Department of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
868-74	8-22-74	Dresser Atlas	Set cast iron bridge plug at 11,500, dump 10' cement on top of plug.
868-74	8-27-74	Dresser Atlas	Perforate 11,145-58'

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt tops and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

DEPT. CONSERVATION
NOV 1 9 1974
LAKE CHARLES

STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

Well Name & No. VUA: Hayes U 1 # 2 Sec. 18 T 11S R 5W

Field Hayes Parish Calcasieu

Permit Serial No. 26358 Work Permit No. 154-79

Description of Work Squeeze Perfs. 11145-58' and Perforate 11145-11149'

PBD 11490'

Sand & Reservoir To Be Tested Cam 2 TD 11685'

Operator GULFOIL CORPORATION

Address P.O. Box 51327 OCS Lafayette, La. 70505

City, State & Zip

Permit Requested By V. T. Jones Jr. Date 2/21/79

Area Production Manager

Permit Authorized By District L. C. Date 2/22/79

See Instructions On Reverse Side

Form DM-4R Rev.

INSTRUCTIONS

A single application will suffice for one, or combinations of, the below operations provided that if more than one operation is requested on one form, such work must be performed consecutively.

If additional applications for Work Permits are necessary on any one well, each should be numbered 1, 2, etc. in the order requested. An original and one copy of this form will suffice for all work with exception of plug and abandon, for which an original and three copies are required.

1. Abandon (Plug & Abd)
2. Deepen
3. Perforate
4. Squeeze
5. Plugback
6. Sidetrack
7. Pull Casing
8. Change Zone of Selective Completion
9. Drill Salt Water Disposal Well
10. Convert to Salt Water Disposal Well
11. Drill Product Storage Well

CONSERVATION DEPT.
FEB 22 1973
LAKE CHARLES

NOTICE: To perform any of the above, as well as any other possible operations in Louisiana, without first obtaining a Permit is an infraction of the law and subject to prosecution.

Work Permit

STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

Well Name & No. VUA; Hayes U 1 #2 Sec. 18 T 11S R 5W

Field Hayes Parish Calcasieu

Permit Serial No. 26358 Work Permit No. 310-79

Description of Work Set CIBP @ 10400'
Perf 10,358-10,365' EL

Sand & Reservoir To Be Tested Marg Howei TD 11,685

Operator Gulf Oil Corporation

Address P. O. Box 51327

City, State & Zip Lafayette, LA 70505

Permit Requested By J. P. Campbell J. P. Campbell Date 4-12-79
Area Production Manager

Permit Authorized By [illegible] District LC Date 4/18/79

See Instructions On Reverse Side

Form DM-4R Rev.

INSTRUCTIONS

A single application will suffice for one, or combinations of, the below operations provided that if more than one operation is requested on one form, such work must performed consecutively.

If additional applications for Work Permits are necessary on any one well, each should be numbered 1, 2, etc. in the order requested. An original and one copy of this form will suffice for all work with exception of plug and abandon, for which an original and three copies are required.

1. Abandon (Plug & Abd)
2. Deepen
3. Perforate
4. Squeeze
5. Plugback
6. Sidetrack
7. Pull Casing
8. Change Zone of Selective Completion
9. Drill Salt Water Disposal Well
10. Convert to Salt Water Disposal Well
11. Drill Product Storage Well

NOTICE: To perform any of the above, as well as any other possible operations in Louisiana, without first obtaining a Permit is an infraction of the law and subj to prosecution.

29-E COMPLIANCE ____ YES ____ NO

29-E UNIT ATTACHED ____ YES ____ NO

D.O.C. USE ONLY

STATE OF LOUISIANA
OFFICE OF CONSERVATION

WO Nom
UC 300
4/25
+3/4

WELL COMPLETION OR RECOMPLETION REPORT

DISTRICT Lake Charles

CODE NUMBERS:

DATE 5-3-79

1 - ON-SHORE
2 - INTERMEDIATE
3 - OFF-SHORE

10 — PARISH Calcasieu — SEC. 18 T 11S R 5W

4439 — FIELD Hayes — DOC ORDER NO. -

2264 — OPERATOR Gulf Oil Corporation

26358 — WELL NAME VUA Hayes Unit 1 — NO. 2 — SERIAL NO. 26385

RESERVOIR Marg Howel — 4-25-79 COMPLETION DATE — 7:00 TIME — AM [ ] PM [X]

IMPORTANT: IS A FORM MD-10-R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN — YES [ ] NO [X]

REMARKS: Mailed when drilled

COMPLETION DATA:

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
2 (1 - ORIG. COMP. 2 - RE-COMP.)	2 (1 - OIL 2 - GAS 3 - DRY GAS)	2 (1 - YES 2 - NO)	F (F - FLOWING G L - GAS LIFT P - PUMPING)	1 0 (SEE REVERSE SIDE FOR CODE)

* IF THIS IS A RE-COMPLETION SPECIFY: SAME RESERVOIR [ ] DIFFERENT RESERVOIR [X]

INITIAL PROD.	GAS VOLUME	FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE
1 BOPD	250 MCF/DAY	225 PSIG	2200 PSIG	0 PSIG

CHOKE SIZE		WATER PROD.	BS & W	GOR	GRAVITY
32 /64"	2 (1 - POSITIVE 2 - ADJUST)	42 BPD	97.7 %	250,000/1 CF/BBL	48.7 API AT 60° F

PERFORATIONS 10358 - 10365

PBTD 10,400'

TOTAL DEPTH 11,685'

CLEARANCE & CERTIFICATION:

ADDITIONAL CLEARANCE IS REQUESTED FOR ____ BBLS. OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST: (SEE SECTION X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE).

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

E H [signature]
SIGNATURE

Gulf Oil Corporation
OPERATOR

Area Engineer
TITLE

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITHIN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1).

FORM COMP (REV. 1 78)

OFFICE OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

> All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

TEST DATA

Date of Test	Time of Test	Amount of Oil Produced
_____	_____M. to_____M.	_____Barrels
_____	_____M. to_____M.	_____Barrels
_____	_____M. to_____M.	_____Barrels
_____	_____M. to_____M.	_____Barrels
_____	_____M. to_____M.	_____Barrels

TOTAL_____BARRELS

The above total barrels of oil were produced from_____Ft. to_____Ft.

Remarks: _____

_____

CONSERVATION DEPT.

_____ _____

MAY 8 1979

OPERATOR (Signed) OPERATOR REPRESENTATIVE

LAKE CHARLES

CODES TO USE IN REPORTING STATUS OF WELL

10 Active
33 Inactive-Future Utility (does not include waiting on pipeline or market)
36 Inactive waiting on pipeline
37 Inactive waiting on market

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO.: 26358

PRODUCING INTERVAL: 10358 - 10365

RESERVOIR (COMPANY SAND IDENTIFICATION): Marg Howel

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion: NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES
- [ ] NEW WELL
- [x] RECOMPLETION
- [ ] P & A

- [ ] 31 INACTIVE DRY HOLE FUT. UTIL.
- [ ] 32 INACTIVE DRY HOLE NO FUT. UTIL.
- [ ] 36 INACTIVE WAITING ON PIPELINE
- [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT: [ ] OIL [x] GAS [ ] OTHER

IF RECOMPLETION: [ ] SAME RESERVOIR [x] DIFFERENT RESERVOIR

DATE COMP., RECOMP., OR P & A (M D Y): 4-25-79

OPERATOR: Gulf Oil Corporation

CODE: 2264

ADDRESS: P. O. Box 51327 Lafayette, LA

WELL NAME: VUA Hayes Unit 1

WELL NO.: 2

PARISH: Calcasieu

SEC. 18 TWP. 11S RGE. 5W

DATE PERMIT ISSUED: 4-18-79

DATE SPUDDED (M D Y): 8-15-41

DATE READY TO PRODUCE*: 4-25-79

TOTAL DEPTH: 11,685'

PBTD.: 10400

GROUND ELEVATION: 9'

CASING HEAD FLANGE ELEVATION: 0.00

DISTANCE FROM RKB TO CHF: 16.0

DATE WELL TURNED INTO TANKS: 4-25-79

SINGLE, DUAL OR TRIPLE COMPLETION?: Single

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?: -

WAS DIRECTIONAL SURVEY MADE?: -

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?: -

DATE FILED: -

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION): -

DATE FILED: -

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101	Same as Drill									
102										
103										
104										
105										

TUBING SIZE: 2 3/8

DEPTH OF TUBING: 10304

DEPTH OF PACKER(S): 10304

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: 1 BOPD

GAS VOLUME: 250 MCF/DAY

GOR: 250,000/1 CF/BBL

CHOKE SIZE: 32 /64"

PRODUCING METHOD: F

FLOWING TUBING PRESSURE: 225 psig

SHUT-IN TUBING PRESSURE: 2200 psig

CASING PRESSURE: Zero

WATER PRODUCTION: 42 BPD

BS&W: 97.7 %

GRAVITY: 48.7 °API@60° F

BHP (SHUT-IN): Est. 2350 psig

COMPANY REPRESENTATIVE: O. W. Salyer

DATE GAUGED: 5-1-79

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state: That I am employed by Gulf Oil Corp. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: E. H. Sheffield Title: Area Engineer

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc., the well has been shut-in.

FORM WH-1 (1-79)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
154-79	2-20-79		SQZ Perfs 11145 - 58; Perf 11145 - 149 EL
310-79	4-11-79		Set CIBP @ 10400'; Perf 10385 - 65' EL

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

CONSERVATION DEPT.

MAY 8 1979

LAKE CHARLES

STATE OF LOUISIANA

OFFICE OF CONSERVATION

LOUISIANA STATE POTENTIAL REPORT

District Lake Charles

Field Hayes

Parish Calcasieu

Operator Gulf Expl. & Prod. Co. Code 2257

Sec. 18 TWP. 11S RGE. 5 OZ Test Date 5 / 8 / 79 (Mo. / Day / Yr.)

INPUT TYPE: 2 (11) — 1 - OC Only; 2 - Original; 3 - Correction

TYPE OF WELL: 2 (18) — 1-OIL; 2-GAS

TYPE OF TEST: 2 (19) — 1-COMPLETION; 2-RECOMPLETION; 3-RETEST

PRODUCING METHOD: F (20) — F-FLOWING; P-PUMPING; G-GASLIFT

WELL SERIAL NO.	WELL NAME	WELL NO.	NAME OF RESERVOIR
26385	VUA Hayes Unit 1	2	Mary Howei

27

TOTAL DEPTH	PERFORATED INTERVAL FROM	TO	CHOKE /64"	OIL BBLS/DAY	COND. BBLS/DAY	GAS MCF/DAY	GAS/OIL RATIO CF/BBL
11685	10358	10365	Adj	—	1	300	300000/1

33 38 43 48 51 57 63 69

on line

API GRAV. @60° F.	WATER BBLS/DAY	BS&W %	FLOWING PRES. (PSIG)	CASING PRES. (PSIG)	DATE OF COMPLETION MO.	DAY	YR.
48.7	47	98%	225	0	4	25	79

76 80 86 89 95 101

CLOSE ~~TANK~~/METER GAUGE 0001 @ 10 AM TIME

OPEN ~~TANK~~/METER GAUGE 0000 @ 10 AM TIME

DIFFERENCE 1 in 24 HOURS

~~TANK~~/METER NO. Elsco TANK COEF. 1.000

STATIC PRES. 150# DIFFERENTIAL PRES. 14# LINE SIZE 2"

PLATE SIZE 1" COEFFICIENT 1500# METER SPRING & DIFF. RANGE 100"

REMARKS

WITNESSED BY [signature] GAUGED BY [signature]

TITLE Oil & Gas Ins. TITLE Production Supervisor

SDM2 (1-78)

CONSERVATION DEPT.

MAY 9 1979

LAKE CHARLES

LOUISIANA OFFICE OF CONSERVATION

INSPECTION & ENFORCEMENT DIVISION

✓ PERIODIC
REINSPECTION
REQUESTED
✓ IN COMPLIANCE
OIL WELL
✓ GAS WELL

DATE 2-22-83

FIELD Hayes PARISH Calcasieu

OPERATOR Gulf Oil Corp. LEASE Hayes VU A

WELL NO. 2 SERIAL NO. 26358

DISTRICT Lake Charles SECTION 18 T 11S R 5W

TANK BATTERY - PROPER IDENTIFICATION (✓) YES ( ) NO IF NO-EXPLAIN

WELL(S) - PROPER IDENTIFICATION (✓) YES ( ) NO IF NO-EXPLAIN

FIREWALL TYPE REQUIRED - ( ) 100% (✓) RETAINING WALL
PROPERLY MAINTAINED - (✓) YES ( ) NO IF NO-EXPLAIN

SALT WATER - (✓) DISPOSAL WELL ( ) ANNULUS ( ) PITS ( ) POLLUTION EXPLAIN

OIL POLLUTION ( ) YES (✓) NO IF YES-EXPLAIN

PITS - CONDITION SATISFACTORY ( ) YES ( ) NO IF NO-EXPLAIN

GATHERING SYSTEM - IDENTIFIED ( ) YES ( ) NO IF NO-EXPLAIN

PIPELINE CONNECTIONS - SEALED (✓) YES ( ) NO locks DEVICES (✓) YES ( ) NO

BS&W BLEED-OFF LINES - SEALED (✓) YES ( ) NO

COMMINGLED ( ) YES ( ) NO IF YES-EXPLAIN

GAS - ( ) SOLD ( ) FLARED METERED ( ) YES ( ) NO

TRANSPORTER

OIL - TRANSPORTER Gribble

REMARKS

COMPANY REPRESENTATIVE TITLE

DISTRICT INSPECTOR INSPECTION & ENFORCEMENT AGENT

Work Permit
STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

Well Name & No. VUA; Hayes U1 #1 Sec. 18 T 11S R 5W

Hayes Parish Calcasieu

Permit Serial No. 26358 Work Permit No. 207-84

Description of Work Set Bridge Plug at 9850'. Perf for production 9608'-9616' EL.

Sand & Reservoir To Be Tested TD 10,400'

Operator Great Southern Oil &Gas Co Inc

Address P.O. Box 52707

City, State & Zip Lafayette, LA 70505

Permit Requested By E.E. Smith Date 3-6-84

Authorized By [illegible] District L.C. Date 3-8-84

See Instructions On Reverse Side

Form DM-4R Rev.

Work Permit

STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

Well Name & No. VUA; Hayes U1 #1

Field Hayes Sec. 18 T 11S R 5W

Permit Serial No. 26358 Parish Calcasieu

Work Permit No. 246-84

Description of Work Set Bridge Plug at 9157'. Perf 9010'-9015' EL. for production. Unsuccessful attempt. Set Bridge Plug at 8850'. Perf for production 6742'-6747' EL. Sqz perfs with 90 sx cmt. Drill out all cmt. Perf for production 7400'-7403'EL

Sand & Reservoir To Be Tested

BP TD 8850'

Operator Great Southern Oil &Gas Co Inc

Address P.O. Box 52707

City, State & Zip Lafayette, LA 70505

Permit Requested By E. E. Smith Date 3-15-84

Permit Authorized By [illegible] District L. C. Date 3-16-84

See Instructions On Reverse Side

TIME

Form DM-4R Rev.

STATE OF LOUISIANA
OFFICE OF CONSERVATION

Inter Office

Date: 3/15/84

To: Baton Rouge Office

From: Lake Charles Distritt

Attn: Ed Buford

Enclosed herewith please find application from Great Southern Oil & Gas Co Inc.

for permit to amend operator & well name

their VUA; Hayes Ul #1, Hayes Field

Calcasieu Parish, Louisiana. Zone onshore

Also enclosed please find:

Check No. 29943 in the amount of $ 75.00.

_____ Well location plat

_____ Well location certification

_____ Form A.D.C.
_____ Electric Log
_____ Schematic diagram
_____ (Dual) structure map if well does not comply with existing Orders
_____ (Selective-Onshore) structure map showing reservoir limits
_____ (Selective-Offshore) letter(s) of no objection from offset operators

Applicable Department of Conservation Order No. _____.

Pending Hearing, Docket No. _____.

Remarks & Recommendations:

Recommend approval. Routine.

FORMERLY: Gulf Oil Corp.
VUA; Hayes Ul #2

By _____
District Manager

W. C. WILHTE

cc: Geological Oil & Gas Division
Prod. Audit (for Amended Permits only)

LT-1

DEPT. OF CONSERVATION USE ONLY

FORM MD-15-R (R 2-1976)

AMENDED PERMIT TO DRILL FOR MINERALS

STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

Amended Permit. $75.00

X Change

8402 Effective yymm

026358 Serial No. LC Date April 10, 1984

CURRENT CODES			FORMER CODES
010	PARISH	Calcasieu	
4439	FIELD	Hayes	
2208	OPERATOR	Great Southern Oil & Gas Co Inc*	2264
	ADDRESS	P.O. Box 52707	
	CITY & STATE	Lafayette, LA 70505	

AMENDMENT ACTION

009	1	PARISH
034	2	FIELD
XXXXXX	3	OPERATOR
016	4	LSE-UN
016	5	UN-LSE
016	6	LSE-LSE
016	7	UN-UN
XXXXXX	8	WELL NO.
521	9	LOCATION

026358 WELL NAME VUA;Hayes Ul No. 1**

LOCATION OF WELL: Sec. 18 T 11S R 5W Former Well No. **2

*Gulf Oil Corp.

Applicable Department of Conservation Order

Herbert W Thompson
Commissioner

Ed Boyd
Issuing Authority

DISTRICT OFFICE COPY

No. 85361 dmm A

STATE OF LOUISIANA

OFFICE OF CONSERVATION

PLUG AND ABANDON REPORT

WELL SERIAL NO. 026358

WORK PERMIT NO. 581-84

DATE WORK FINISHED (MM-DD-YY) 6-04-84

Lake Charles DISTRICT

(Three Copies to be Filed with the District Office)

NOTE This Report Will Be Returned If Not Properly Completed And Signed.

Field Hayes Parish Calcasieu Sec. 18 Twp. 11S Rge. 5W

Operator Great Southern Oil &Gas Co Inc CODE 2208 Well Name VUA; Hayes U1 Well No. 1

Total Depth BP 10,390' Condition of Well Dry

CHECK APPROPRIATE BOX:

[ ] 29 DRY HOLE

[X] 30 FORMERLY PRODUCTIVE WELL

	CASING SIZE	AMOUNT PULLED	CEMENT PLUGS			
			FROM	TO	SACKS	HOW PLACED
301	9-5/8"		6744'	6762'	60	Pumped
302	9-5/8"	10'	10'	40'		Dumped
303						
304						

Mud Record: Weight 9.8 Viscosity 42

Remarks: Cut casing 10' below GL. Set surface plug. Weld steel plate on top.

This work was done according to the Rules and Regulations of the Office of Conservation.

Nathan Trosclair
WITNESS

GREAT SOUTHERN OIL &GAS CO INC.
OPERATOR

(Signed) Kelly J. LaFargue
REPRESENTATIVE

Form P & A (1-78)

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO.: 026358

PRODUCING INTERVAL: --

RESERVOIR (COMPANY SAND IDENTIFICATION): --

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES
- [ ] NEW WELL
- [ ] RECOMPLETION
- [X] P & A
- [ ] 31 INACTIVE DRY HOLE FUT. UTIL.
- [ ] 32 INACTIVE DRY HOLE NO FUT. UTIL.
- [ ] 36 INACTIVE WAITING ON PIPELINE
- [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT
- [ ] OIL
- [X] GAS
- [ ] OTHER

IF RECOMPLETION
- [ ] SAME RESERVOIR
- [ ] DIFFERENT RESERVOIR

DATE COMP., RECOMP., OR P & A (M D Y): 6-04-84

OPERATOR: Great Southern Oil &Gas Co Inc

CODE: 2208

ADDRESS: P.O. Box 52707, Lafayette, LA 70505

WELL NAME: VUA; Hayes U1

WELL NO.: 1

PARISH: Calcasieu

SEC. 18 TWP. 11S RGE. 5W

DATE PERMIT ISSUED: (Amend Opr. 4-10-84)

DATE SPUDDED: 8-15-41

Re-entry: 2-24-84

DATE READY TO PRODUCE*: --

TOTAL DEPTH: BP 10,390'

PBTD.:

GROUND ELEVATION: 9'

CASING HEAD FLANGE ELEVATION: 10.0'

DISTANCE FROM RKB TO CHF: 16.0'

DATE WELL TURNED INTO TANKS: --

SINGLE, DUAL OR TRIPLE COMPLETION?: Single

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?: --

WAS DIRECTIONAL SURVEY MADE?: --

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?: --

DATE FILED:

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION): --

DATE FILED: --

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101	SAME AS ORIGINAL REPORT									
102										
103										
104										
105										

TUBING SIZE: ___ DEPTH OF TUBING: ___ DEPTH OF PACKER(S): ___

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	GOR	CHOKE SIZE	PRODUCING METHOD
BOPD	MCF/DAY	CF/BBL	/64"	

FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE	WATER PRODUCTION	BS&W
psig	psig		BPD	%

GRAVITY	BHP (SHUT-IN)	COMPANY REPRESENTATIVE	DATE GAUGED
°API@60° F	psig		

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
9-5/8"		6744'	6762'	60	Pumped	6-04-84	Nathan Trosclair
9-5/8"	10'	10'	40'		Dumped	6-04-84	Nathan Trosclair

CERTIFICATE: I, the undersigned, state: That I am employed by GREAT SOUTHERN OIL & GAS CO., INC. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: Valerie Stappers Title: Production Secretary

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc.; the well has been shut-in.

CORRECTED WELL HISTORY AND WORK RESUME REPORT

FORM WH-1 (1-78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
207-84	3-06-84	PGI	Set bridge plug at 9850'. Perf for production 9608'-9616' EL.
246-84	3-07-84 thru 3-09-84	PGI	Set bridge plug at 9157'. Perf 9010'-9015' EL for production. Unsuccessful attempt. Set bridge plug at 8850'. Perf for production 6742'-6747' EL. Sqz perfs w/90 sx cmt. Drill out all cmt. Perf for production 7400'-7403' EL.
581-84	6-04-84	Halliburton	Well P&A. Set cmt plug from 6744'-6762' with 60 sc cmt. Cut casing off 10' below GL. Set cmt plug from 10' to 40'. Weld steel plate on top.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO.: 026358

PRODUCING INTERVAL: --

RESERVOIR (COMPANY SAND IDENTIFICATION): --

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES
- [ ] NEW WELL
- [ ] RECOMPLETION
- [x] P & A

- [ ] 31 INACTIVE DRY HOLE FUT. UTIL.
- [ ] 32 INACTIVE DRY HOLE NO FUT. UTIL.
- [ ] 36 INACTIVE WAITING ON PIPELINE
- [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT
- [x] OIL
- [ ] GAS
- [ ] OTHER

IF RECOMPLETION
- [ ] SAME RESERVOIR
- [ ] DIFFERENT RESERVOIR

DATE COMP., RECOMP., OR P & A (M D Y): 6-04-84

OPERATOR: Great Southern Oil &Gas Co Inc

CODE #: 2208

ADDRESS: P.O. Box 52707, Lafayette, Louisiana 70505

WELL NAME: VUA; Hayes U1

WELL NO.: 1

PARISH: Calcasieu

SEC. 18 TWP. 11S RGE. 5W

DATE PERMIT ISSUED: 4-18-79

DATE SPUDDED (M D Y): 8-15-41

DATE READY TO PRODUCE*: --

TOTAL DEPTH: BP 10,390'

PBTD.:

GROUND ELEVATION: 9'

CASING HEAD FLANGE ELEVATION: 10.0'

DISTANCE FROM RKB TO CHF: 16.0

DATE WELL TURNED INTO TANKS: --

SINGLE, DUAL OR TRIPLE COMPLETION?: Single

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?: --

WAS DIRECTIONAL SURVEY MADE?: --

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?: --

DATE FILED:

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION): --

DATE FILED: --

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101	SAME AS ORIGINAL REPORT									
102										
103										
104										
105										

TUBING SIZE: --

DEPTH OF TUBING: --

DEPTH OF PACKER(S): --

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: BOPD

GAS VOLUME: MCF/DAY

GOR: CF/BBL

CHOKE SIZE: /64"

PRODUCING METHOD:

FLOWING TUBING PRESSURE: psig

SHUT-IN TUBING PRESSURE: psig

CASING PRESSURE:

WATER PRODUCTION: BPD

BS&W: %

GRAVITY: °API@60° F

BHP (SHUT-IN): psig

COMPANY REPRESENTATIVE:

DATE GAUGED:

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
9-5/8"		6744'	6762'	60	Pumped	6-04-84	Nathan Trosclair
9-5/8"	10'	10'	40'		Dumped	6-04-84	Nathan Trosclair

CERTIFICATE: I, the undersigned, state: That I am employed by Great Southern Oil &Gas Co Inc and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: Valerie Stappard Title: Production Secretary

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc., the well has been shut-in.

FORM WH-1 (1-78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
207-84	3-06-84	PGI	Set bridge plug at 9850'. Perf for production 9608'-9616' EL.
246-84	3-07-84 thru3-09-84	PGI	Set bridge plug at 9157'. Perf 9010'-9015' EL for production. Unsuccessful attempt. Set bridge plug at 8850'. Perf for production 6742'-6747' EL. Sqz perfs w/90 sx cmt. Drill out all cmt. Perf for production 7400'-7403' EL.
581-84	6-04-84	Halliburton	Well P&A. Set cmt plug from 6744'-6762' with 60 sx cmt. Cut casing off 10' below GL. Set cmt plug from 10' to 40'. Weld steel plate on top.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

RECEIVED AND TIME
84 JUL 2 A 8:21
OFF. OF CONSERVATION
LAKE CHARLES DIST.

Work Permit

STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

[redacted]ame & No. VUA; Hayes U1 #1 Sec. 18 T 11S R 5W

Fie[redacted] Hayes Parish Calcasieu

Permit Serial No. 026358 Work Permit No. 581-84

Description of Work Well P&A. Set cmt plug from 6744'-6762' with 60 sx cmt. Cut casing off 10' below GL. Set cmt plug from 10' to 40'. Weld steel plate on top.

Sand & Reservoir To Be Tested _____ TD _____

Operator GREAT SOUTHERN OIL &GAS CO INC

Address P.O. Box 52707

City, State & Zip Lafayette, LA 70505

Permit Requested By [signature] Date 6-20-84

Pe[redacted]uthorized By [signature] District L.C. Date 6-25-84

See Instructions On Reverse Side

Form DM-4R Rev.

FORM 2 A

LANE Electrolog WELLS
COMPANY

Location of Well

#256

26358

Elevation

COMPANY:

WELL:

RUN NO.: FILING NO.:

FIELD:

SURVEY:

COUNTY OR PARISH:

STATE:

COMPANY:

WELL:

FIELD OR SURVEY:

COUNTY OR PARISH:

LA GEOLOGICAL SURVEY

DEC 1942 RECEIVED DIV. OF MINERALS

DIAMETER OF HOLE

Run No. 1 in. from ft. to ft. in. from ft. to ft.
Run No. 2 " " " " " " " " " "
Run No. 3 " " " " " " " " " "
Run No. 4 " " " " " " " " " "

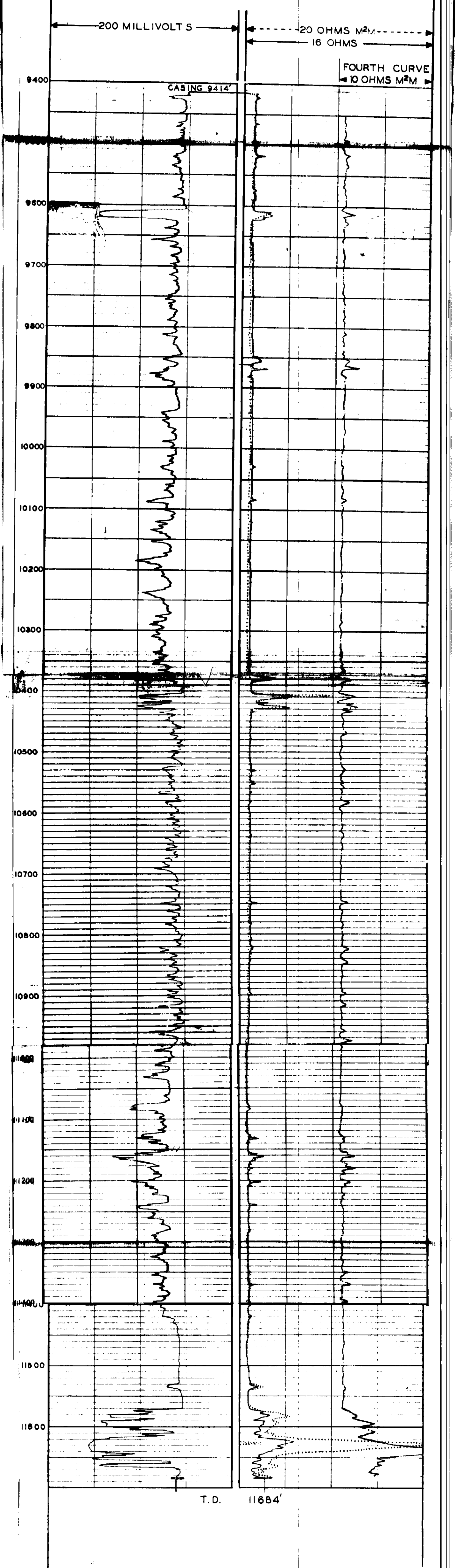
RUN	1	2	3	4
Date				
Csg. Shoe—Driller				
Csg. Shoe—Elect.				
Total Depth—Driller				
Total Depth—Elect.				
Footage Recorded				
Mud—Kind				
" Weight				
" Visc.				
" Res.	@		@	@
Recorded by				
Depth of Penetration				
Curve No. 3				
Curve No. 4				

LSN43400500000026358

Depths measured from

REMARKS

Depth	NATURAL POTENTIAL	RESISTIVITY
	Natural Potential—Curve 1.	Shallow Penetration—Curve 2. Deep Penetration—Curve 3. Curve 4.



LANE Electrolog WELLS
COMPANY

Location of Well

RECEIVED
MAY 16 1942
DEPARTMENT OF MINERALS
LAKE CHARLES

COMPANY: [illegible]
WELL: [illegible]
RUN NO.: 4 FILING NO.: [illegible]
FIELD: [illegible] 263558 (J)
SURVEY:
COUNTY OR PARISH: CALCASIEU
STATE: LA.
DATE: MARCH 15, 1942

Elevation ..... ft.

COMPANY: [illegible]
WELL: [illegible]
FIELD OR SURVEY:
COUNTY OR PARISH:

LSN43131000000026358

RECEIVED MAR 1942 DEPT. OF MINERALS

WELL RECORD

Casing Shoe Depth — Drillers Log [illegible] ft. / Electrolog [illegible] ft.

Bottom Depth / Max. Depth Reached — Drillers Log 11,6[illegible] ft. / Electrolog 11,6[illegible] ft.

Footage Recorded 13[illegible] ft.

DIAMETER OF HOLE

8 1/2 in. from [illegible] to 11,6[illegible] ft.
in. from to ft.
in. from to ft.

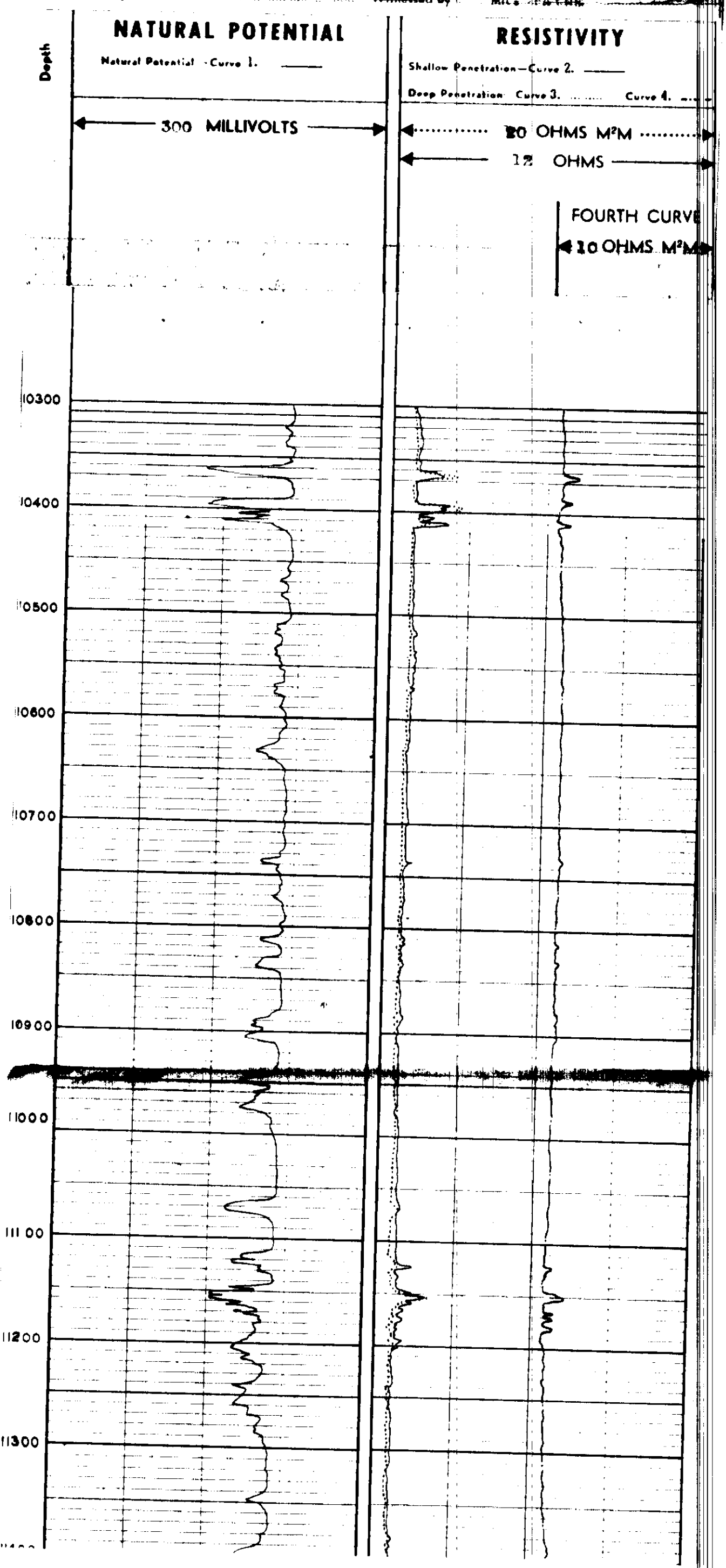
MUD RECORD

Kind TREATED — Viscosity 35
Weight 15.3 lbs. — Resistivity 1.15 @ 60 °F

REMARKS

MAXIMUM TEMPERATURE 220 F

Depths Measured From DRIVE BUSHING — Ordered By MR. SIMON
Recorded By RAMSEY — Witnessed By MR. PAYNE



SCHLUMBERGER
WELL SURVEYING CORPORATION

Location of Well
RECEIVED
MAY 16 1942
DEPARTMENT OF MINERALS
LAKE CHARLES

26358 (A)

Elevation: ★

COMPANY: GULF REFINING CO.
WELL: CALC. NAT'L. BANK # 2
RUN NO.: TWO
FIELD: HAYES
SURVEY: Sec. 10-11 n-5w.
COUNTY: CALCASIEU
STATE: LOUISIANA
FILING No. L-83

COUNTY: CALCASIEU
FIELD OR SURVEY: HAYES
WELL: CALC. NAT'L. BANK # 2
RUN # 2
COMPANY: GULF REFINING CO.

First Reading		: 9418 ft.
Last Reading		: 8850 ft.
Footage Measured		: 568 ft.
Casing Shoe Depth:	DRILLER	: 2483 ft.
	SCHLUMBERGER	: ft.
Bottom Depth	DRILLER	: 9415 ft.
Max. depth reached		: 9418 ft.

DIAMETER OF HOLE

from Csg. to Btm. : 12 1/2"
from to :
from to :
Bottom Temperature: °F

MUD CHARACTERISTICS

Nature: Barytes
Weight: 15.3
Viscosity: 50
Resistivity: 2.1 @ 75 °F

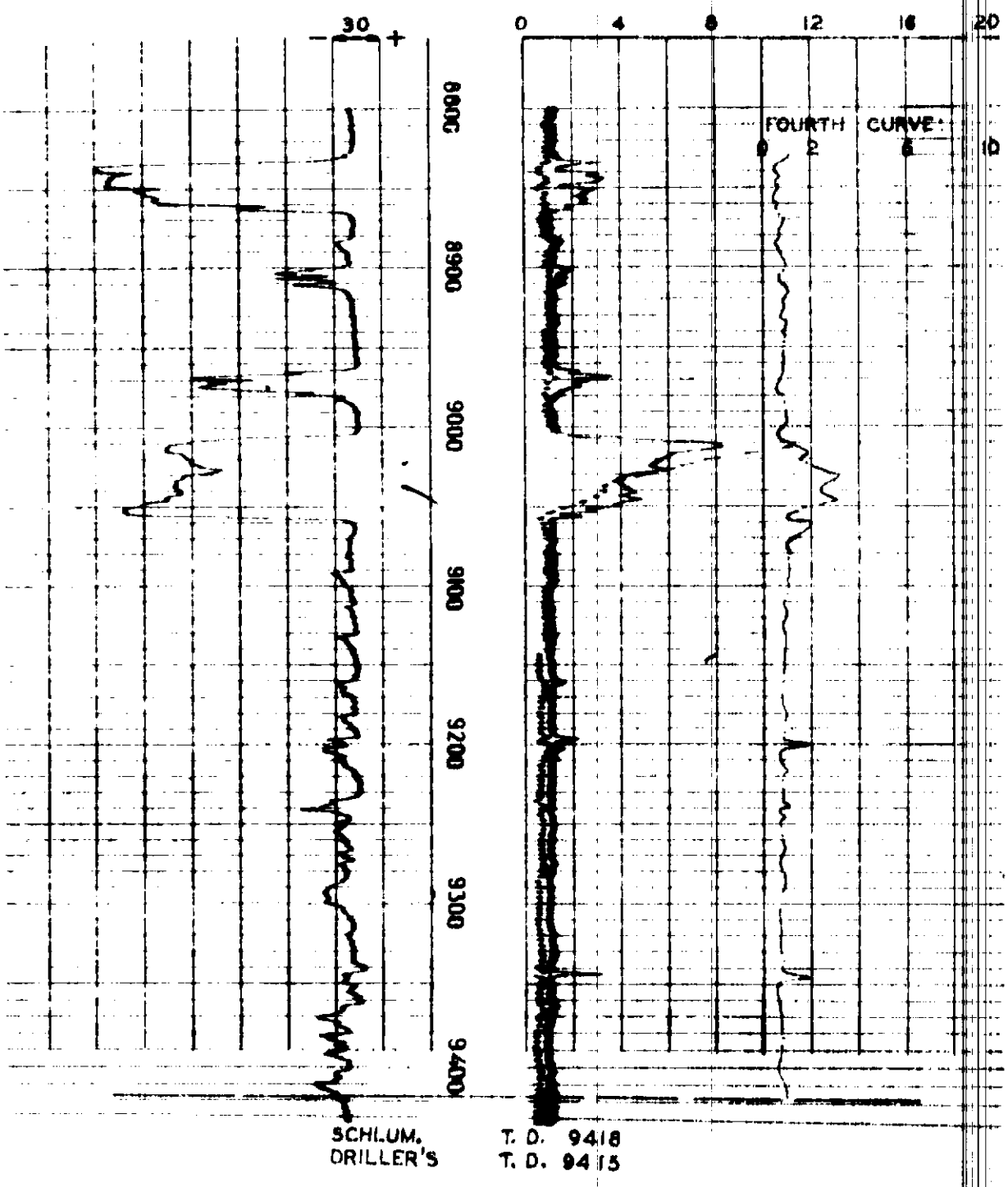
REMARKS

LSN43140300000026358

DATE October 10, 1941 OBSERVERS J. E. Armstrong

SELF-POTENTIAL millivolts	DEPTHS	RESISTIVITY ohms. m'm. NORMAL CURVE — THIRD CURVE — FOURTH CURVE

1" = 100'



SCHLUM. T. D. 9418
DRILLER'S T. D. 9415

LANE Electrolog WELLS
COMPANY

Location of Well

RECEIVED
MAY 16 1942
DEPARTMENT OF MINERALS
LAKE CHARLES

26358

Elevation

COMPANY: GULF REFINING CO.
WELL: CALCASIEU NATL. BANK NO. 2
RUN NO.: 5 FILING NO.: 3A11[illegible]
FIELD: HAYES
SURVEY: SEC. 18 T11S R8W
COUNTY OR PARISH: CALCASIEU
STATE: LOUISIANA
DATE: NOV. 23, 1941

COUNTY OR PARISH: CALCASIEU
FIELD OR SURVEY: HAYES
WELL: CALCASIEU NATL. BANK #2
COMPANY: GULF REFG. CO.

WELL RECORD

Casing Shoe Depth	Drillers Log	ft.
	Electrolog	[illegible] ft.
Bottom Depth Max. Depth Reached	Drillers Log	11[illegible] ft.
	Electrolog	11410.5 ft.
Footage Recorded		[illegible] ft.

DIAMETER OF HOLE

8½ in. from [illegible] to 11411 ft.
in. from to ft.
in. from to ft.

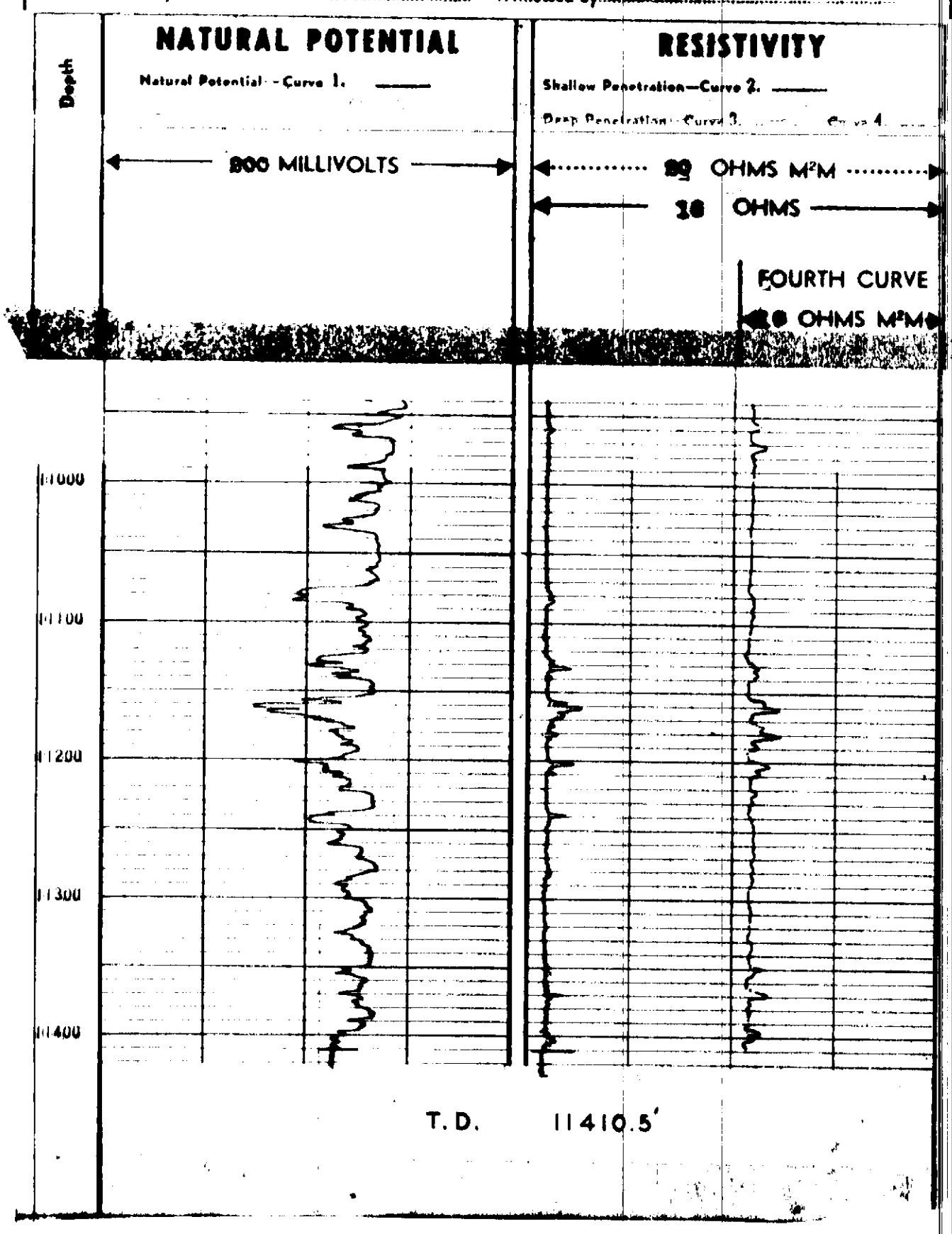
MUD RECORD

Kind TREATED
Weight 16.5 lbs.
Viscosity [illegible]
Resistivity 1.[illegible] @ [illegible] °F

REMARKS

MAXIMUM TEMPERATURE 208°F

Depths Measured From DRIVE BUSHING
Recorded By FARNSWORTH
Ordered By PAYNE
Witnessed By SIMON



LSN4314000000026358

SCHLUMBERGER

WELL SURVEYING CORPORATION

Location of Well

RECEIVED
MAY 16 1942
DEPARTMENT OF MINERALS
LAKE CHARLES

26358 (L)

Elevation: ____ ft.

COMPANY: GULF REFINING CO.
WELL: CALC. NAT'L. BANK # 2
RUN NO.: Three
FIELD: Hayes
SURVEY: Sec 18 11s-5w
COUNTY: Calcasieu
STATE: Louisiana
FILING No. L-83

COUNTY: Calcasieu
FIELD OR SURVEY: Hayes
WELL: Calcasieu Nat'l Bank #2 (3rd run)
COMPANY: Gulf Refining Co.

First Reading		: 9848 ft.
Last Reading		: 9418 ft.
Footage Measured		: 430 ft.
Casing Shoe Depth:	DRILLER	: 9411 ft.
	SCHLUMBERGER	: 9415 ft.
Bottom Depth	DRILLER	: 9850 ft.
Max. depth reached		: 9848 ft.

DIAMETER OF HOLE

from ____ to ____ : 8½ "
from ____ to ____ :
from ____ to ____ :
Bottom Temperature: ____ °F

MUD CHARACTERISTICS

Nature: Barytes
Weight: 15.1
Viscosity: 45
Resistivity: 2.0 @ 85 °F

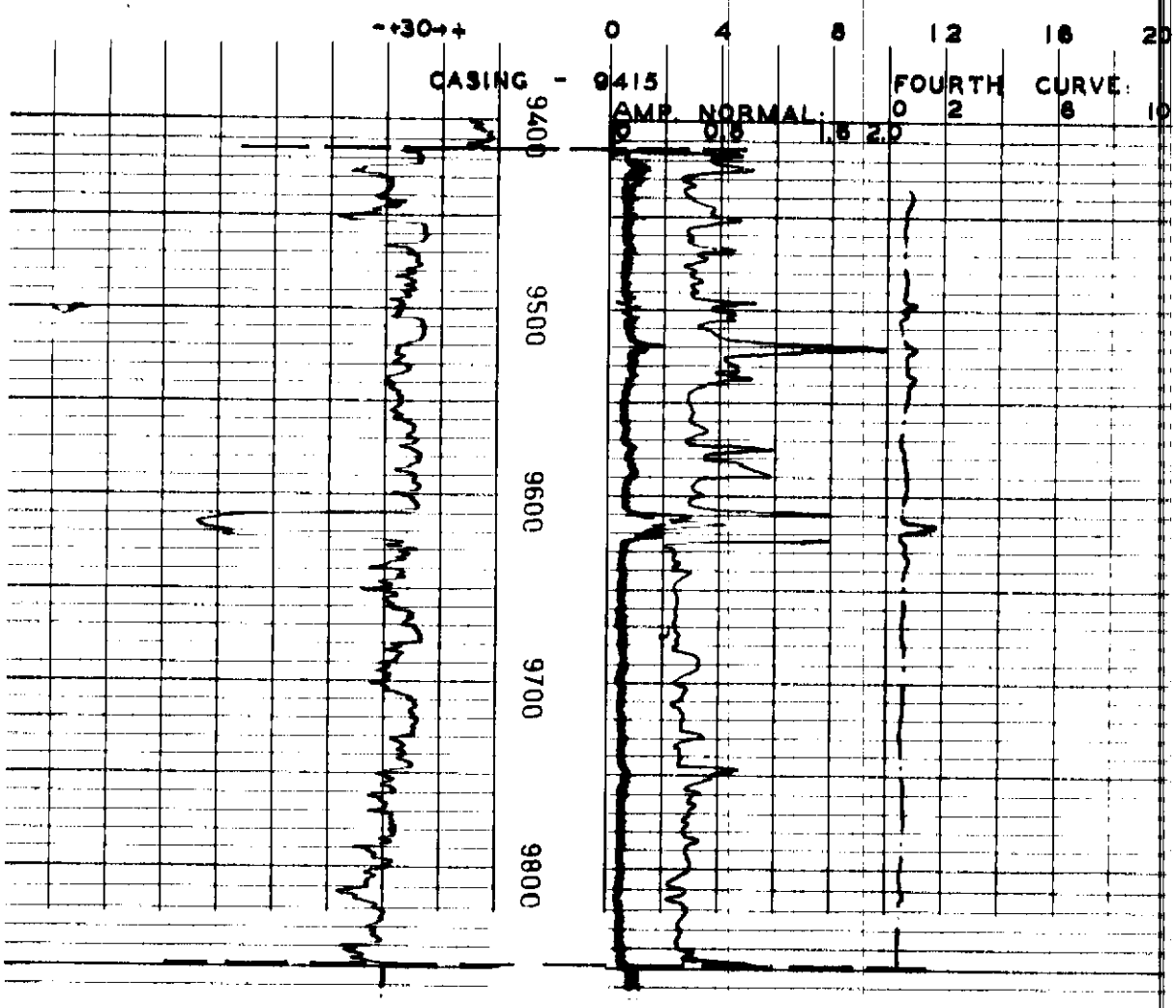
REMARKS

LSN4314020000026358

DATE October 25, 1941. OBSERVERS J. E. Armstrong

SELF-POTENTIAL	DEPTH	RESISTIVITY -ohms. m'm.
[redacted]		[redacted]

1" = 100'



SCHLUM. T. D. - 9848
DRILLER'S T. D. - 9850

LANE Electrolog WELLS
COMPANY

RECEIVED
MAY 16 1942
DEPARTMENT OF MINERALS
LAKE CHARLES

26358 (9)

COMPANY: GULF REFG. CO.
WELL: CALCASIEU NATL. BANK # 2
RUN NO.: 2 FILING NO.: 2A11111LC
FIELD: HAYES
SURVEY: SEC. 18 T11S R5W
COUNTY OR PARISH: CALCASIEU
STATE: LOUISIANA
DATE: NOV. 11, 1941
Elevation ..... ft.

COUNTY OR PARISH: CALCASIEU
FIELD OR SURVEY: HAYES
WELL: CALCASIEU NATL. BANK NO. 2
COMPANY: GULF REFG. CO.

MAY 1942 RECEIVED DEPT. OF MINERALS

WELL RECORD

Casing Shoe Depth — Drillers Log ..... ft. / Electrolog 9414 ft.
Bottom Depth / Max. Depth Reached — Drillers Log 11000 ft. / Electrolog 11003 ft.
Footage Recorded 338 ft.

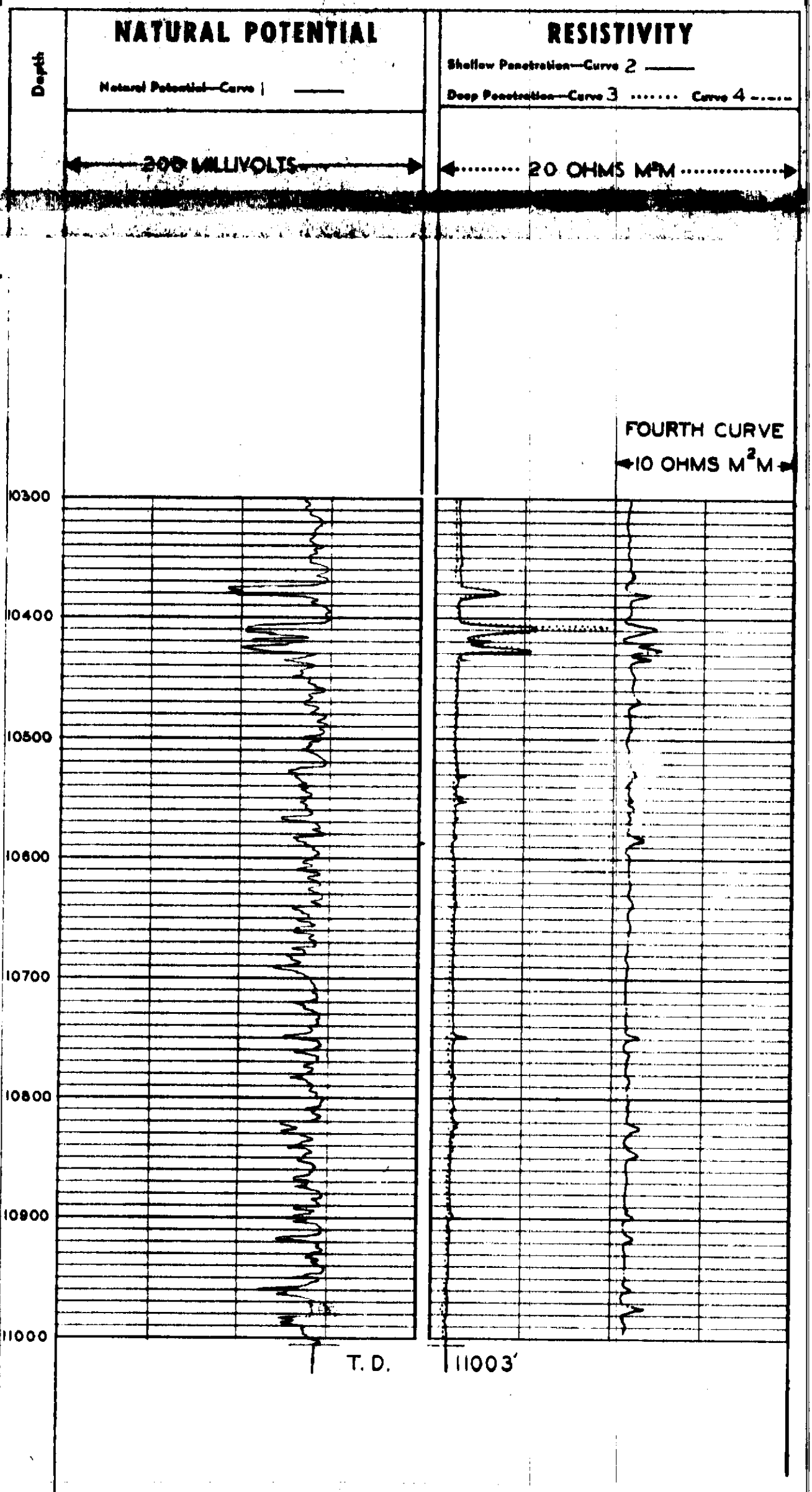
DIAMETER OF HOLE
8 1/2 in. from CSG. to BTM. ft.
..... in. from ..... to ..... ft.
..... in. from ..... to ..... ft.

MUD RECORD

Kind TREATED — Viscosity 62
Weight 16.4 lbs. — Resistivity 1.4 @ 98 °F

REMARKS

Depths Measured From DRIVE BUSHING — Ordered By PAYNE
Recorded By RAMSEY — Witnessed By PAYNE



SCHLUMBERGER

WELL SURVEYING CORPORATION

Location of Well
Lat. Long. 32°
RECEIVED
MAY 18 1983
DEPARTMENT OF MINERAL
LAKE CHARLES

26358

Elevation

COMPANY: [illegible]
WELL: [illegible]
RUN NO.: [illegible]
FIELD: [illegible]
SURVEY: Sec.15-11-5E.
COUNTY: CALCASIEU
STATE: LOUISIANA
FILING No.: L-83

Fluid Reading	8550 ft.
Lat. Reading	2383 ft.
Footage Measured	6167 ft.
Casing Shoe Depth	2383 ft.
Bottom Depth	8550 ft.
Max. depth reached	8550 ft.

"CLEARWATER OF HOLE"

Sum. Deg. to Sta. 12 1/2°
Sum. to
Sum. to
Bottom Temperature: 7

MUD CHARACTERISTICS

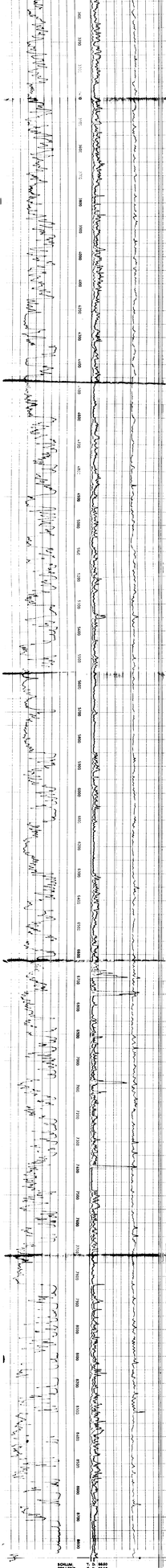
Nature: Fresh
Weight: 15.3
Viscosity: 56
Resistivity: 1.0 @ 30.7

REMARKS

DATE September 29, 1983 OBSERVERS J. E. Armstrong

SELF-POTENTIAL

RESISTIVITY ohms m/m
NORMAL CURVE ---- SHIELD CURVE
---- POLARIZED CURVE



SCHLUM
DRILLER'S T. D. 8640
T. D. 8649

FORM 2 A
FORM 2 X
FORM 2 X
FORM 2 X

LANE Electrolog WELLS
COMPANY

Location of Well

RECEIVED
MAY 16 1942
DEPARTMENT OF MINERALS
LAKE CHARLES

#256
26358

Elevation

COMPANY:
WELL: #2
RUN NO.: 1 FILING NO.: 1412416
FIELD:
SURVEY: 18-11S-5W
COUNTY OR PARISH:
STATE: L
DATE: 11-[illegible]-41

COMPANY:
WELL:
FIELD OR SURVEY:
PARISH:
COUNTY OR

WELL RECORD

Casing Shoe Depth — Drillers Log ..... ft. — Electrolog 9414 ft.

Bottom Depth / Max. Depth Reached — Drillers Log ..... ft. — Electrolog 10865 ft.

Footage Recorded 1451 ft.

DIAMETER OF HOLE

8¼ in. from [illegible] to [illegible] ft.
..... in. from ..... to ..... ft.
..... in. from ..... to ..... ft.

MUD RECORD

Kind [illegible] Viscosity 57
Weight 16.[illegible] lbs. Resistivity 1.[illegible] @ 84 °F

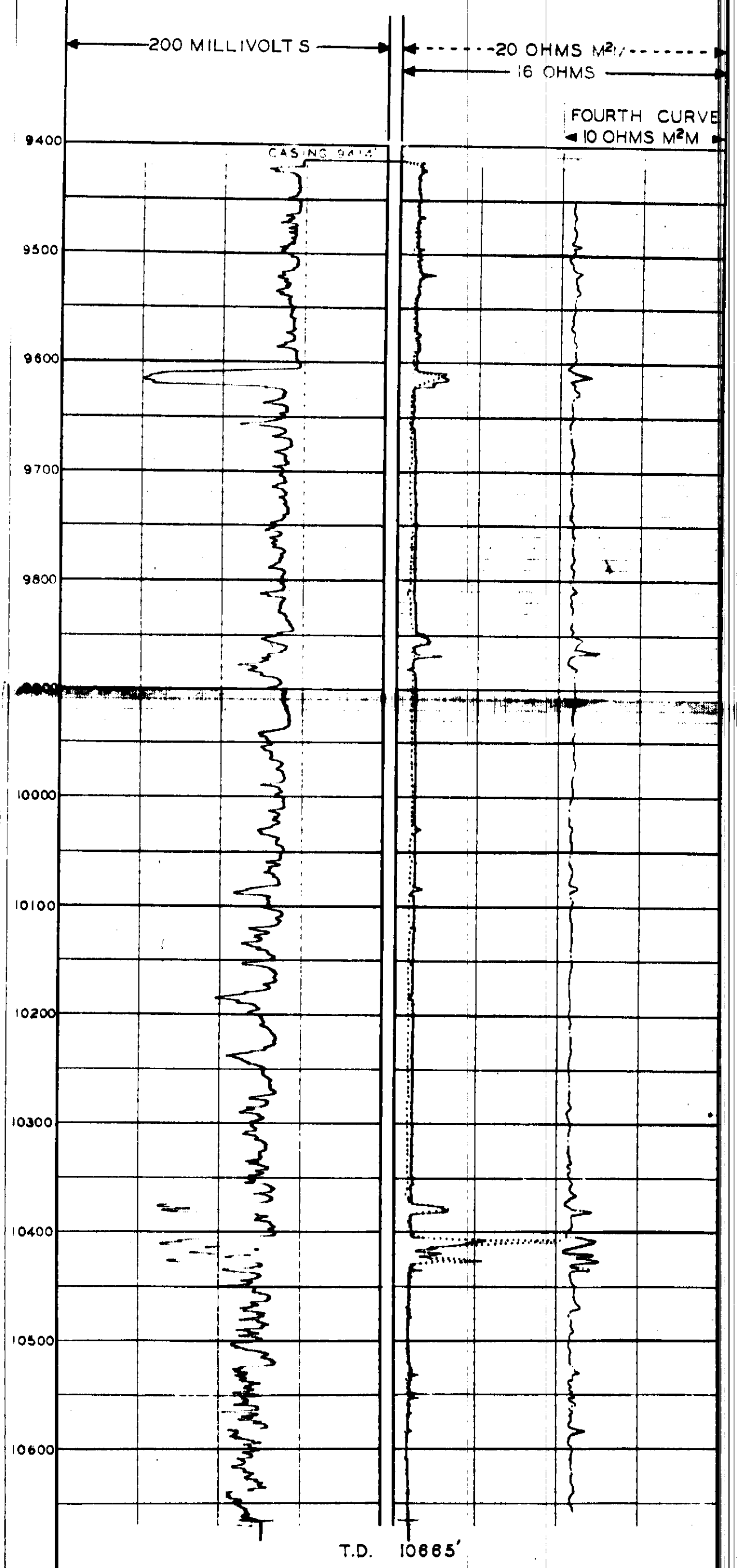
REMARKS

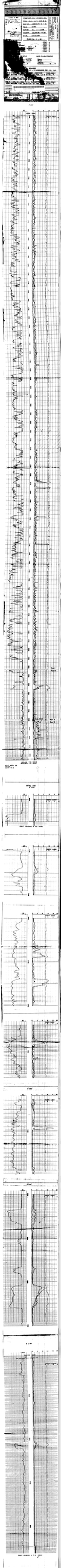
MAXIMUM TEMPERATURE 210 [illegible]

LSN43140500000026358

Depths Measured From [illegible] Ordered By [illegible]
Recorded By [illegible] Witnessed By [illegible]

Depth	NATURAL POTENTIAL	RESISTIVITY
	Natural Potential—Curve 1	Shallow Penetration—Curve 2 ; Deep Penetration—Curve [illegible] ; Curve 4





*2843-2800000220P

SCHLUMBERGER
WELL SURVEYING CORPORATION

RECEIVED
SEP 16 1943
OIL & GAS DIVISION
OKLAHOMA CITY, OKLA.

Elevation: 1135 GL

COMPANY: GULF REFG. CO. OKLA.
WELL: WATER BANK NO. 2
FIELD:
COUNTY:
STATE:
FILING No.

Permanent Datum: GROUND
Log Measured from: KELLY BUSHING
Drilling Measured from: KELLY BUSHING

Date	9-1-43	
Run No.	2	
Depth-Driller	2843	
Depth-Logger	2842	
Bottom Log Interval	2842	
Top Log Interval	1000	
Casing-Driller	8 5/8 @ 1000	
Casing-Logger	8 5/8 @ 1000	
Bit Size	7 7/8	
Type Fluid in Hole	SALT WATER	
Density	9.2	
Viscosity	35	
Fluid Loss	8.0	
Source of Sample	CIRC.	
Rm @ Meas. Temp.	.75 @ 80°F	
Rmf @ Meas. Temp.	.60 @ 80°F	
Rmc @ Meas. Temp.	.90 @ 80°F	
Source Rmf & Rmc	CALC.	
Rm @ BHT	.45 @ 100°F	
Time Since Circ.	12 HRS.	
Max. Rec. Temp.	100°F	
Equipment No.	1-2	
Location		
Recorded By	J. ROBERTSON	
Witnessed By	MR. SMITH	

Casing Size Depth: 8 5/8 @ 1000
Bottom Depth: 2842
Max. depth reached: 2842

DIAMETER OF HOLE
Size: 7 7/8 Depth: 2842
Size: Depth:
Size: Depth:
Bottom Temperature:

MUD CHARACTERISTICS
Type:
Weight:
Viscosity:
Fluid Loss:
Resistivity:

REMARKS
RUN CONTINUOUS LOG OF RUN 1 & 2 ASSUMING SEC. 36, 1043

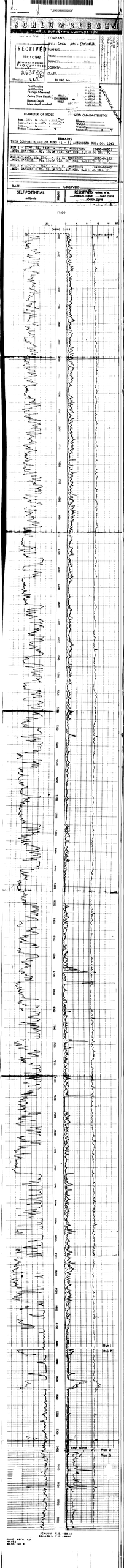
RUN 1 DATE: 8-8-1943		
MAX. DEPTH: 1000	DRILLER: J. ROBERTSON	(2420-2800)
MAX. DATUM: 1000	MAX. DEPTH: 2420	DRILLER: J. ROBERTSON
RUN 2 DATE: 9-1-1943		
MAX. DEPTH: 2842	DRILLER: J. ROBERTSON	(1000-2842)
MAX. DATUM: 1000	MAX. DEPTH: 1000	DRILLER: J. ROBERTSON
RUN 3 DATE: 9-2-1943		
MAX. DEPTH: 2842	DRILLER: J. ROBERTSON	(2413-2842)
MAX. DATUM: 1000	MAX. DEPTH: 2413	DRILLER: J. ROBERTSON

DATE: OBSERVERS:

SELF-POTENTIAL
millivolts

SCALE

RESISTIVITY ohms m/m
—Normal Curve ---Short Curve
—Lateral Curve



GULF REFG. CO.
WATER
BANK NO. 2

DERRICK O.D. 8 5/8
DRILLER'S T.D. 2800

SCHLUMBERGER
WELL SURVEYING CORPORATION

Location of Well
1000' S & 3130' W of
SW cor SE¼ SE¼ Sec
16-11-5W.

RECEIVED
DEC 1 1951
LAKE CHARLES

26358(h)

Elevation:

COMPANY: [illegible] REFINING CO.
WELL: CALC. NAT'L. BANK # 2
RUN NO.: ONE
FIELD: WATER
SURVEY: Sec. 16-11-5W.
COUNTY: CALCASIEU
STATE: LOUISIANA
FILING No. 1-83

First Reading		8650 ft.
Last Reading		2483 ft.
Footage Measured		6167 ft.
Casing Shoe Depth	DRILLER	2483 ft.
	SCHLUMBERGER	2483 ft.
Bottom Depth	DRILLER	2483 ft.
Max. depth reached		8650 ft.

DIAMETER OF HOLE
from Csg. to 2 3/8 ... 12 1/2"
from ... to ...
Bottom Temperature ... 7

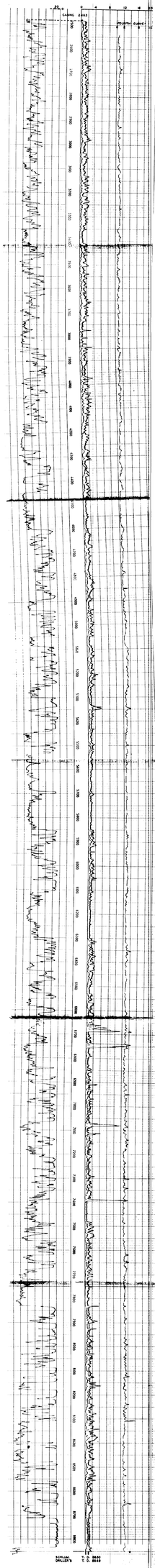
MUD CHARACTERISTICS
Mud Name: Barytes
Weight: 14.1
Viscosity: 0.0
Resistivity: 1.3 @ 38.7

REMARKS

DATE September 29, 1951 OBSERVERS J. E. Armstrong

SELF-POTENTIAL

RESISTIVITY when m/m



SCHLUM. T. D. 8650
DRILLER'S T. D. 8649

LANE Electrolog WELLS
COMPANY

Location of Well
RECEIVED DEC 18 1942 DEPT. OF MINERALS LAKE CHARLES

26358

Elevation

COMPANY: GULF REF. CO. PROD. DIV.
WELL: CALCASIEU NAT. BANK NO. 2
RUN NO.: 4 FILING NO.: 901
FIELD: HAYES
SURVEY: 11S-5W
COUNTY OR PARISH: CALCASIEU
STATE: LA.
DATE: MARCH 18, 1942

GEOLOGICAL SURVEY

RECEIVED DEC 194 DEPT. OF MINERALS

WELL RECORD

Casing Shoe Depth — Drillers Log 531 ft. Electrolog 5413 ft.
Bottom Depth — Drillers Log 11,684 ft.
Max. Depth Reached — Electrolog 11,684 ft.
Footage Recorded 1384 ft.

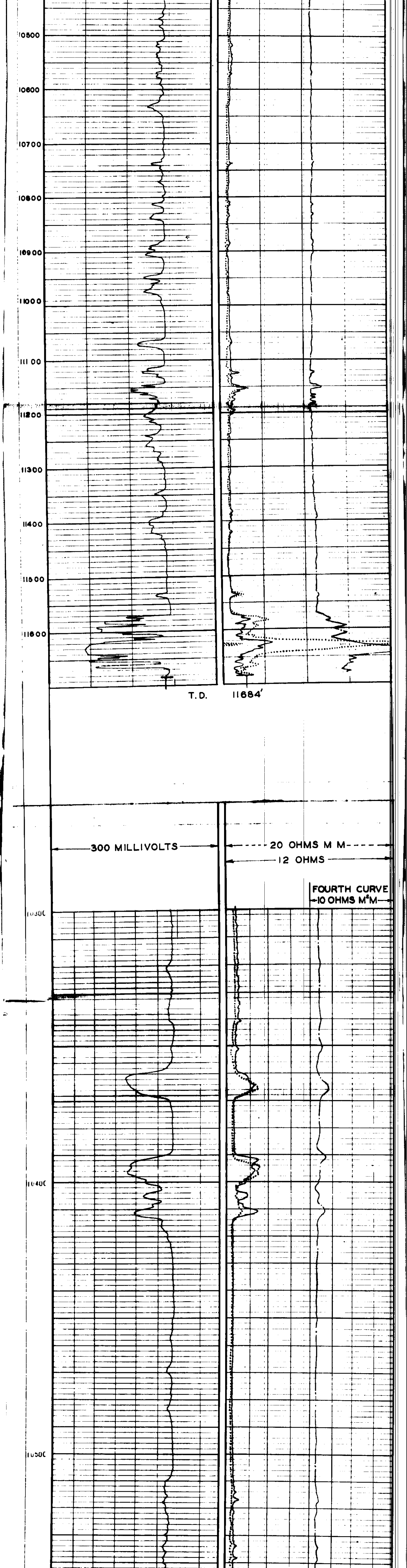
DIAMETER OF HOLE
6 1/2 in. from 8 to 11,684 ft.
in. from to ft.
in. from to ft.

MUD RECORD
Kind TREATED Viscosity 25
Weight 15.5 lbs. Resistivity 1.15 @ 80 °F

REMARKS
MAXIMUM TEMPERATURE 220 F

Depths Measured From DRIVE BUSHING. Ordered By MR. SIMON
Recorded By RAMSEY Witnessed By MR. PAYNE

NATURAL POTENTIAL	RESISTIVITY
Natural Potential—Curve 1.	Shallow Penetration—Curve 2. Deep Penetration—Curve 3. Curve 4.
300 MILLIVOLTS	20 OHMS M²M; 12 OHMS; FOURTH CURVE 10 OHMS M²M



300 MILLIVOLTS
20 OHMS M M
12 OHMS
FOURTH CURVE 10 OHMS M²M

GULF REF'G. CO.
CALCASIEU NAT. BANK NO. 2
HAYES

[redacted]

SCHLUMBERGER

WELL SURVEYING CORPORATION

Location of Well

RECEIVED
MAY 13 1942
DEPARTMENT OF MINERALS
LAKE CHARLES

26358

Elevation: ft.

COMPANY: GULF REFINING CO.
WELL: CALC. NAT'L. BANK # 2
RUN NO.: Three
FIELD: Hayes
SURVEY: Sec 18-11s-5w
COUNTY: Calcasieu
STATE: Louisiana
FILING No. L-53

COUNTY: Calcasieu
FIELD OR SURVEY: Hayes
WELL: Calcasieu Nat'l Bank #2 (3rd run)
COMPANY: Gulf Refining Co.

First Reading		: 9848 ft.
Last Reading		: 9418 ft.
Footage Measured		: 430 ft.
Casing Shoe Depth:	DRILLER	: 9411 ft.
	SCHLUMBERGER	: 9415 ft.
Bottom Depth	DRILLER	: 9850 ft.
Max. depth reached		: 9848 ft.

DIAMETER OF HOLE

from ..... to ..... : 8¾ "
from ..... to ..... : .....
from ..... to ..... : .....
Bottom Temperature: ..... °F

MUD CHARACTERISTICS

Nature: Barytas
Weight: 15.1
Viscosity: 45
Resistivity: 2.0 @ 85 °F

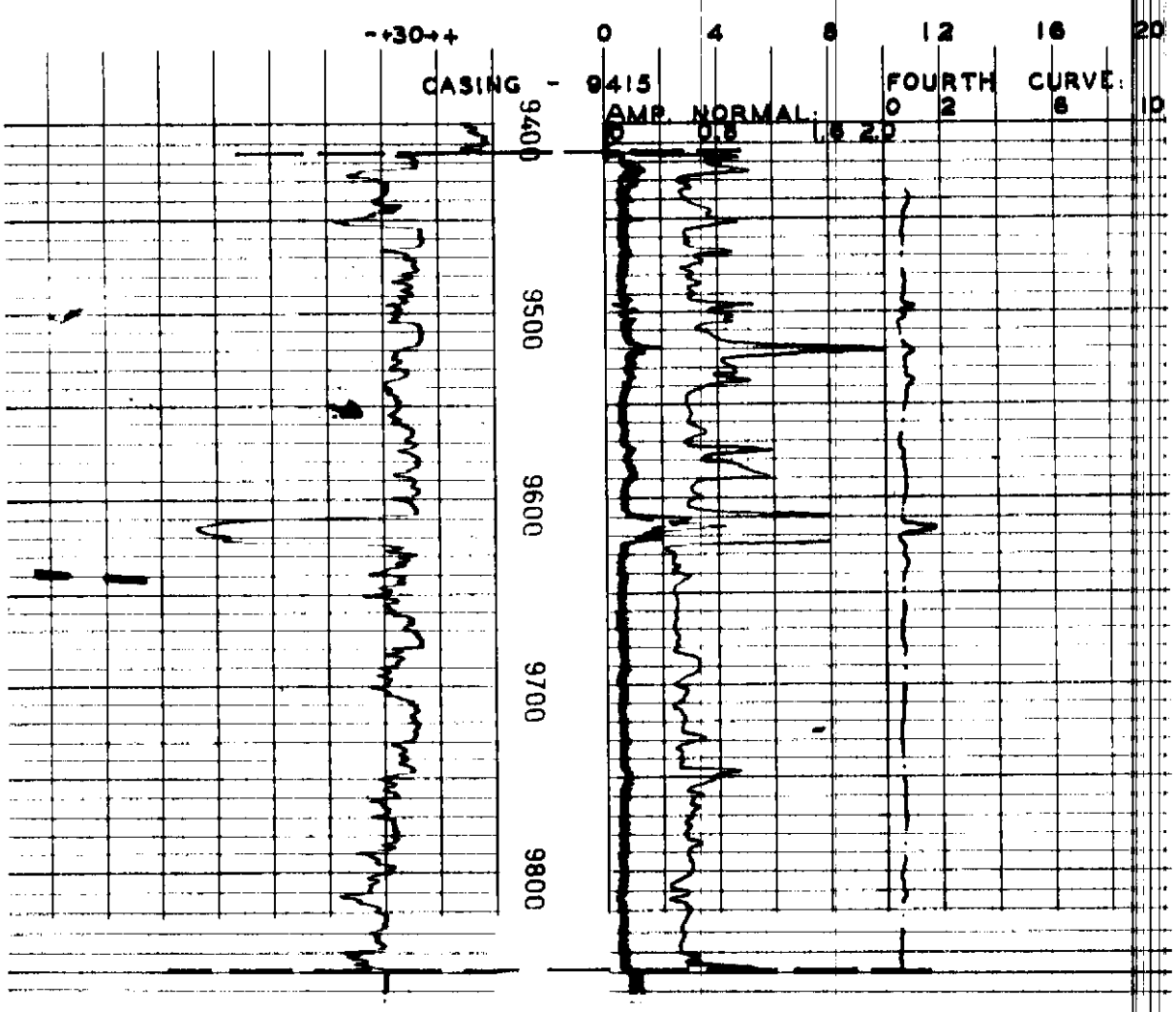
REMARKS

LSN4313070000026358

DATE October 25, 1941. OBSERVERS J. E. Armstrong

SELF-POTENTIAL		RESISTIVITY -ohms. m'm.
millivolts		FOURTH CURVE

1" = 100'



SCHLUM. T. D. - 9848
DRILLER'S T. D. - 9850

No. 15833 DISTRICT OFFICE COPY $50 00

DEPARTMENT OF CONSERVATION DIVISION OF MINERALS

PERMIT TO DRILL FOR MINERALS

BATON ROUGE, LA.

PARISH Calcasieu FIELD

OPERATOR

ADDRESS

LOCATION OF WELL

You are hereby authorized to drill

Well No. referred to under application bearing serial No.

dated

This well to be drilled

DRILLING CONTRACTOR

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION

Commissioner, Division of Minerals

Office Manager Division of Minerals

Form MD-15-H

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Plug and Perforate L.C. #17

WORK PERMIT

PERMIT TO Plug and Perforate DATE November 8, 1946
PARISH Calcasieu FIELD Hayes
COMPANY Gulf Refining Company, Production Division
ADDRESS P.O. Drawer #2100 Houston, Texas
*"P" WELL NAME Cal. Nat'l Bank et al NO 1 SEC 17 T 11S R 5W
WELL PERMIT SERIAL NO 31298 WORK PERMIT NO
LOCATION 1363'W along the S/L of Sec.17, from the SE Corner of same & 990' N. at R/A to said line
YOU ARE HEREBY AUTHORIZED TO Plugback and perforate 7" OD Casing for production from 12,195' to 12,200'

TD

PERMIT REQUESTED BY A. Simon
Company Representative

AUTHORIZED BY ARSENE P. EDWARDS, District Manager
Lake Charles, District Office Louisiana

Form DM 4R

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Squeeze and Perforate L.C.#55

WORK PERMIT

PERMIT TO Squeeze and Perforate DATE December 18, 1946

PARISH Calcasieu FIELD Hayes

COMPANY Gulf Refining Company

ADDRESS Hayes, Louisiana

WELL NAME Calcasieu Nat'l Bank "B" No. 1 SEC 17 T 11S R 5W

WELL PERMIT SERIAL NO 31298 WORK PERMIT NO

LOCATION 1363'W along S. line of Sec. 17 from SE Corner of same and 990' N. at R/A to said line

YOU ARE HEREBY AUTHORIZED TO Squeeze and perforate 7" OD Casing from 12,195' to 12,200'

TD

PERMIT REQUESTED BY A. Simon
Company Representative

AUTHORIZED BY ARSENE P. EDWARDS, District Manager
Lake Charles, Louisiana
District Office

Form DM 4R

Copy

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Plug and Abandon
L.C. #82

WORK PERMIT

PERMIT TO Plug and Abandon DATE December 24, 1946

PARISH Calcasieu FIELD Hayes

COMPANY Gulf Refining Company, Production Division

ADDRESS P.O. Drawer #2100 Houston, Texas

WELL NAME Cal. Nat'l Bank et al NO "F" 1 SEC. 17 T. 11S R. 5W

WELL PERMIT SERIAL NO 31298 WORK PERMIT NO

LOCATION 1363'W along the S line of Sec.17 from the SE Cor. of same & 990'N at R/A to said line, in Sec.17*

YOU ARE HEREBY AUTHORIZED TO Set cement plugs as follows: in 7" Casing from 9497' to 9705'; in 9-5/8" casing from 2500' to 2600', in 13-3/8" casing from 500' to 600'; and surface plug at top. TD 13,856'

PERMIT REQUESTED BY W.C. Clemons
Company Representative

AUTHORIZED BY ARSENE P. EDWARDS, District Manager
Lake Charles District Office Louisiana

Form DM 4R

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Pull Casing
L.C. #49

WORK PERMIT

PERMIT TO Pull Casing DATE December 24, 1946

PARISH Calcasieu FIELD Hayes

COMPANY Gulf Refining Company, Production Division

ADDRESS P.O. Drawer #2100 Houston, Texas

WELL NAME Cal.Nat'l Bank et al "B" NO. 1 SEC 17 T. 11S R. 5W

WELL PERMIT SERIAL NO 31298 WORK PERMIT NO

LOCATION 1363'W along the S.line of Sec.17 from the SE Cor.of same & 990'N at R/A to said line, in Sec.17,T-11S*

YOU ARE HEREBY AUTHORIZED TO Cut 7" Casing and pull at 9497'. Cut 9-5/8" Casing and pull at 100'. For cement plugs, see Plug and Abandon Permit L.C. #82 issued 12/24/46. TD 13,868'

PERMIT REQUESTED BY W.C. Clemens
Company Representative

*R-5W

AUTHORIZED BY ARSENE F. EDWARDS, District Manager
Lake Charles, Louisiana
District Office

Form DM 4R

DISTRICT OFFICE COPY

$50 00

No. 52499

DEPARTMENT OF CONSERVATION

PERMIT TO DRILL FOR MINERALS

BATON ROUGE, LA., [illegible] 21, 19 57

PARISH [illegible] FIELD [illegible]

OPERATOR [illegible]

ADDRESS [illegible]

LOCATION OF WELL [illegible]

[illegible] Sec. [illegible], T. [illegible], R. [illegible]

You are hereby authorized to drill [illegible]

Well No. 1, referred to under application bearing serial No. [illegible]

dated [illegible], 19[illegible], signed by [illegible]

This well to be drilled to [illegible] zone on surface area of [illegible] acres

DRILLING CONTRACTOR [illegible]

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION

Commissioner Department of Conservation

Chief Engineer Division of Minerals

m MD-18-R

6M Sets 11-56 T J M 18-39 40

DOWELL SCHLUMBERGER

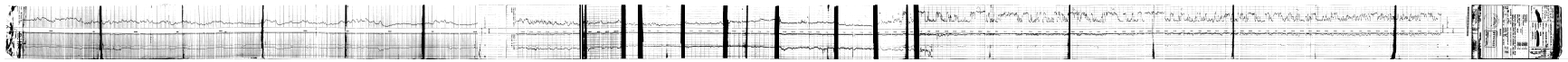
Company:	
Well:	
Field:	
County:	
State:	
Date:	
Run No.	
Depth Driller	
Depth Logger	
Bottom Log Interval	
Top Log Interval	
Casing Driller	
Casing Logger	
Bit Size	
Type Fluid in Hole	
Dens. / Visc.	
Max. Rec. Temp.	
Equipment	
Location	
Recorded By	
Witnessed By	

Run No.	
Depth Driller	
Depth Logger	
Bottom Log Interval	
Top Log Interval	
Casing Driller	
Casing Logger	
Bit Size	
Type Fluid in Hole	
Dens. / Visc.	
Max. Rec. Temp.	
Equipment	
Location	
Recorded By	
Witnessed By	

RECEIVED

RECEIVED

RECEIVED



1 Plotted 1 Def

DISTRICT OFFICE COPY

$50 00

No. 28675

DEPARTMENT OF CONSERVATION

PERMIT TO DRILL FOR MINERALS

BATON ROUGE, LA. September 11, 19 51

PARISH Jefferson Davis FIELD Hayes

OPERATOR H. L. Hawkins

ADDRESS 1850 Mellie Esperson Bldg., Houston, Texas

LOCATION OF WELL

1980' from West line and 120' from North line of Sec. 20

in Sec. 20, T. 11-S, R. 5-W

You are hereby authorized to drill Hayes Unit

Well No. 1, referred to under application bearing serial No. 44135

dated September 4, 19 51, signed by H. L. Hawkins, Jr.

This well to be drilled to 12,000' zone, on surface area of 1280 acres

DRILLING CONTRACTOR

STATE OF LOUISIANA

DEPARTMENT OF CONSERVATION

Commissioner Department of Conservation

Office Manager Division of Minerals

Form MD 13 R

2M Sets 6 51

Form MD 15 R

DISTRICT OFFICE COPY
AMEND OPERATOR &
WELL NAME

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION

No. 25206 -A

Amended Permit $25 00

AMENDED PERMIT TO DRILL FOR MINERALS

SERIAL NO 44135 BATON ROUGE, LA., 6-19-63, 19

PARISH Jefferson Davis FIELD Hayes

OPERATOR Coastal States Gas Prod Co

ADDRESS P. O. Box 521

Corpus Christi, Texas

WELL NAME Coastal Hawkins-Hayes Unit 1 NO 1

LOCATION OF WELL Sec 20 T 11S R 5W

1990' from the West Line, and 120' from the North Line of Section 20.

(Formerly H. L. Hawkins)(Formerly Hayes Unit)

Zone or Reservoir of proposed completion

Applicable Department of Conservation Order

Commissioner

Issuing Authority

Gulf Oil Corporation

LAFAYETTE PRODUCTION AREA

July 9, 1963

P. O. Box 1327
Oil Center Station
Lafayette, Louisiana

Department of Conservation (2)
Division of Minerals
State of Louisiana
P O Drawer 1767
Lake Charles, La.

RE: Well No. 6, Hayes Unit #1
Hayes Field, Jefferson Davis
Parish, La.

Gentlemen:

Attached is check no. 443 dated July 9, 1963 in the amount of $100.00 to cover fee for permit to drill the subject well.

Also attached are Department of Conservation Form MD-10-R, in duplicate, and certified location plats, in triplicate, showing the location and other pertinent data regarding this well.

The location complies with the Department of Conservation Statewide Order No. 29-E.

Please mail permit, Form MD-13-R to the undersigned, P. O. Box 1327, Oil Center Station, Lafayette, La. 70505.

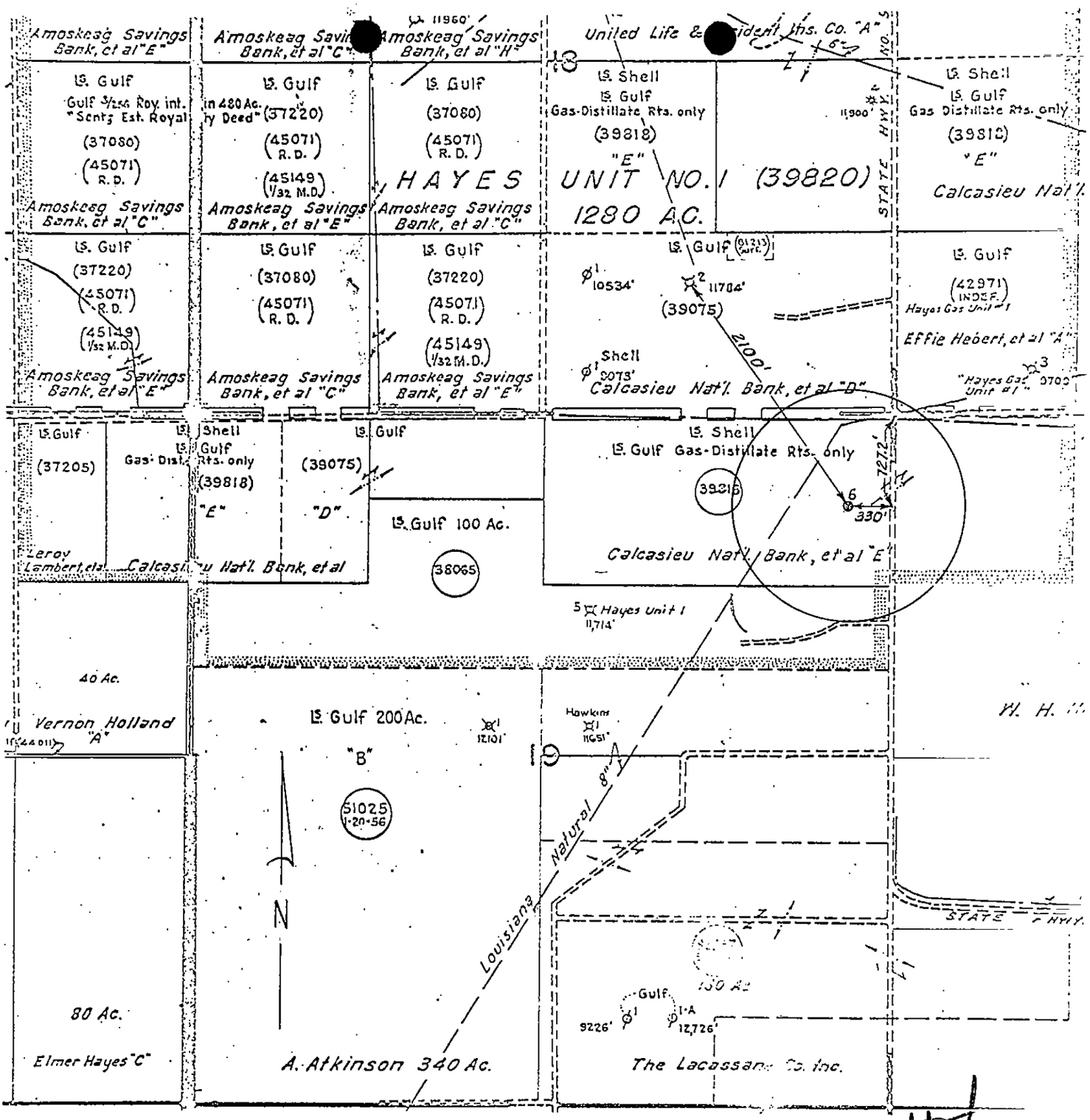
Yours very truly,

H. C. Morgan
Area Production Manager

RA/gb
Attachments

RECEIVED
JUL 11 1963
DEPARTMENT OF MINERALS
LAKE CHARLES

590
590-A } no effect



Scale: 1" = 1,000'

Plotted below

HAYES FIELD (JEFFERSON DAVIS PARISH) LOUISIANA

Gulf Oil Corporation et al, Hayes Unit 1, Well No. 6

Located: 727.2 feet south along the East Line of Section 19 from the Northeast Corner thereof and 330 feet west at right angle to said East Line, being 2100 feet southeast of Gulf Oil Corp, Hayes Unit 1, Well No. 2. In Section 19, Township 11 South, Range 5 West.

I hereby certify that the foregoing plat is accurately drawn to scale and the things and matters to which it relates are correctly reflected thereon.

C. G. Hilborn

C. G. HILBORN, Registered Land Surveyor No. 210

RECEIVED
JUL 11 1963
DEPARTMENT OF MINERALS
LAKE CHARLES

State of Louisiana

DEPARTMENT OF CONSERVATION

Inter Office

Date: July 12, 1963

To: Baton Rouge Office

From: Lake Charles District

Att'n: Baton Rouge Office

Enclosed herewith please find application from Gulf Oil Corporation for permit to Drill their Hayes Unit 1 Well No. 6 Zone: Cibicides Hazzardi Hayes Field, Jefferson Davis Parish.

Also enclosed please find:

Check No. 443 in the amount of $ 100.00

Well Location Plat XX

Well Location Certification XX

Form A. D. C. _____

Electric Log _____

Schematic Diagram _____

Applicable Department of Conservation Order No. ~~29-B & 29-E~~ Pending Hearing Docket No. _____

Remarks & Recomendations:

Recommend approval. Routine. The units created by special orders of the 590 series covering the Cib Hazz sand in the Hayes Field are sufficiently far from this location so that they do not affect it.

Yours very truly,

By: _____
District Manager
W. C. WILHITE

cc: Geological Survey

LT-1 WCW:bjm

97351

Gulf Oil Corporation

LAFAYETTE PRODUCTION AREA

P. O. Box 1327
Oil Center Station
Lafayette, Louisiana

October 18, 1963

RE: Hayes Unit No. 1
Well No. 6, Serial #97351
Hayes Field
Jefferson Davis Parish, Louisiana

Department of Conservation
State of Louisiana
P. O. Box 1767
Lake Charles, Louisiana

Gentlemen:

Attached hereto is J. H. Shuman "Special Account" Check No. 573 dated October 18, 1963 in the amount of $25 to cover fee for Renewal Permit to drill the subject well. The original permit No. 81941 bearing Serial No. 97351, expired October 16, 1963.

Also attached are Department of Conservation Form MD-10-R, in duplicate. Certified plats were filed with your office and attached to our letter of July 9, 1963.

Should the Department of Conservation find our request in order, please mail permit, Form MD-13-R, to the undersigned, P. O. Box 1327 - OCS, Lafayette, Louisiana.

Yours very truly,

H. C. Morgan
Area Production Manager

WRM/jm

cc M. C. Coleman

Attachments

RECEIVED
OCT 21 1963
DEPARTMENT OF MINERALS
LAKE CHARLES

GULF

State of Louisiana

DEPARTMENT OF CONSERVATION

Inter Office

Date: 10-21-63

To: Baton Rouge Office

From: Lake Charles District

Att'n:

Enclosed herewith please find application from Gulf Oil Corp.

for permit to Renewal their Hayes

Unit 1 Well No. 6 Zone: Cib Hazz,

Hayes Field, Jefferson Davis Parish.

Also enclosed please find:

Check No. 573 in the amount of $25.00

Well Location Plat

Well Location Certification

Form A. D. C.

Electric Log

Schematic Diagram

Applicable Department of Conservation Order No. 29B; 29E Pending Hearing Docket No.

Remarks & Recomendations:

Recommend approval. Routine renewal carring same restrictinn as the original.

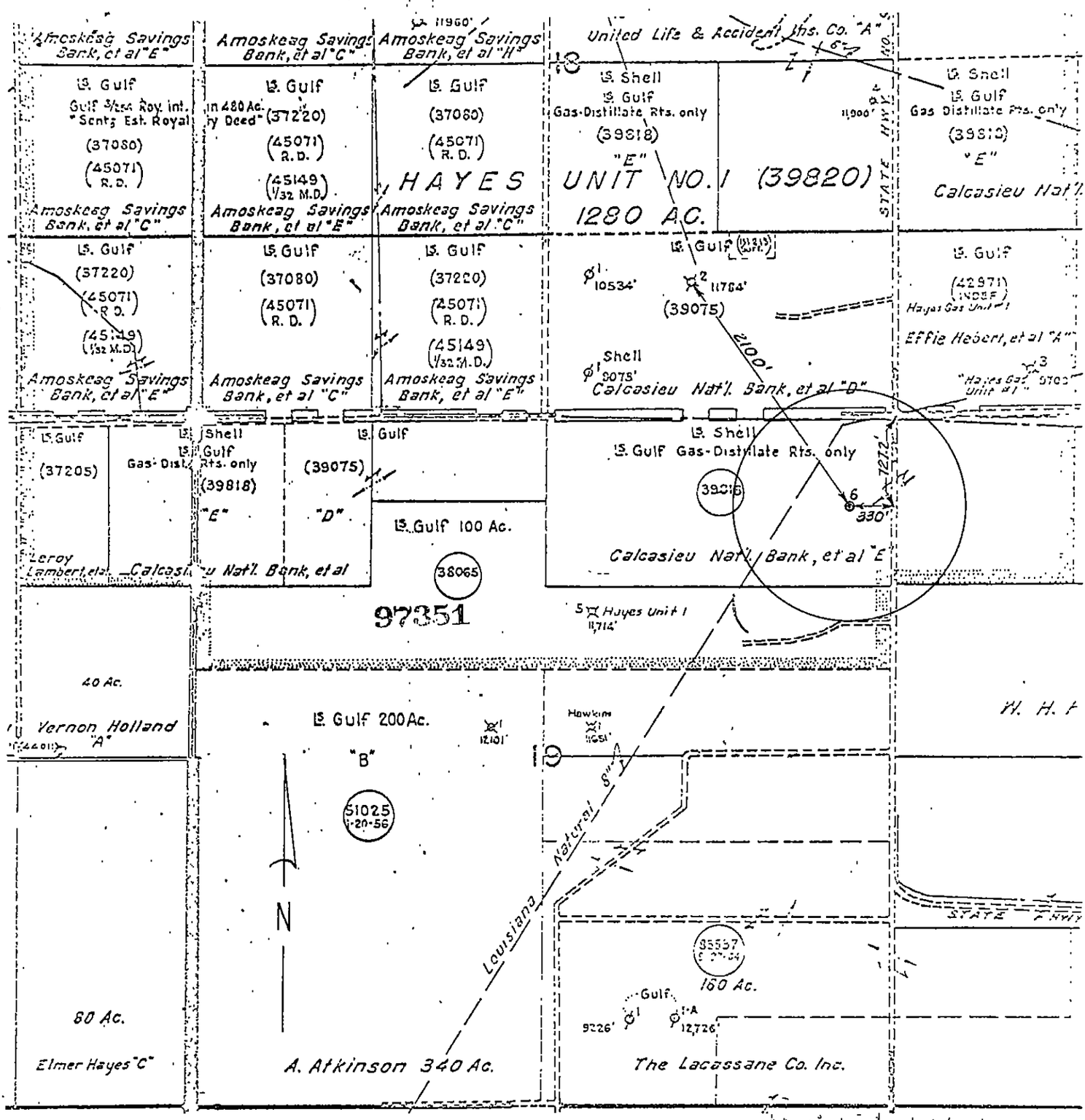
Yours very truly,

By: District Manager
WILLIAM C. WILHITE

cc: Geological Survey

LT-1

WCW/nje



Scale: 1"= 1,000'

HAYES FIELD (JEFFERSON DAVIS PARISH) LOUISIANA

Gulf Oil Corporation et al, Hayes Unit 1, Well No. 6

Located: 727.2 feet south along the East Line of Section 19 from the Northeast Corner thereof and 330 feet west at right angle to said East Line, being 2100 feet southeast of Gulf Oil Corp, Hayes Unit 1, Well No. 2. In Section 19, Township 11 South, Range 5 West.

I hereby certify that the foregoing plat is accurately drawn to scale and the things and matters to which it relates are correctly reflected thereon.

C. G. HILBORN, Registered Land Surveyor No. 210

RECEIVED
JUL 11 1963
DEPARTMENT OF MINERALS
LAKE CHARLES

RECEIVED
JUL 1963
DEPT. OF CONSERV.

July 9, 1963

Department of Conservation (2)
Division of Minerals
State of Louisiana
P O Drawer 1767
Lake Charles, La.

RE: Well No. 6, Hayes Unit #1
Hayes Field, Jefferson Davis
Parish, La.

Gentlemen:

Attached is check no. 443 dated July 9, 1963 in the amount of $100.00 to cover fee for permit to drill the subject well.

Also attached are Department of Conservation Form MD-10-R, in duplicate, and certified location plats, in triplicate, showing the location and other pertinent data regarding this well.

The location complies with the Department of Conservation Statewide Order No. 29-E.

Please mail permit, Form MD-13-R to the undersigned, P. O. Box 1327, Oil Center Station, Lafayette, La. 70505.

Yours very truly,

H. C. Morgan
Area Production Manager

RA/gb
Attachments

RECEIVED
JUL 1 4 1963
DEPT. OF CONSERVATION
MINERAL

WELL FILE COPY

No. 81941

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION

PERMIT $100.00
MULTIPLE ZONE PROCESSING

PERMIT TO DRILL FOR MINERALS

SERIAL NO.: 97351 BATON ROUGE, LA., 7-16-53, 19.

PARISH: Jefferson Davis FIELD: Hayes

OPERATOR: Gulf Oil Corporation

ADDRESS: P.O. Box 1327 OCS
Lafayette, Louisiana

WELL NAME: Hayes Unit 1 NO.: 6

LOCATION OF WELL: SEC. 19 T 11S R 5W 727.2' S along the E/L of Sec. 19 from the NE/C thereof and 330' W at right angle to said E/L being 2100' southeast of Gulf Oil Corp, Hayes Unit 1, Well #2

ZONE OR RESERVOIR OF PROPOSED COMPLETION: cibicides Bazzardi 11,700'

APPLICABLE DEPARTMENT OF CONSERVATION ORDER: 29B & 29E

James H. Gili
COMMISSIONER

Fritz L. Spencer Jr.
ISSUING AUTHORITY

L.C. 7-19-53

October 18, 1963

RE: Hayes Unit No. 1
Well No. 6, Serial #97351
Hayes Field
Jefferson Davis Parish, Louisiana

Department of Conservation
State of Louisiana
P. O. Box 1767
Lake Charles, Louisiana

Gentlemen:

Attached hereto is J. H. Shuman "Special Account" Check No. 573 dated October 18, 1963 in the amount of $25 to cover fee for Renewal Permit to drill the subject well. The original permit No. 81941 bearing Serial No. 97351, expired October 16, 1963.

Also attached are Department of Conservation Form MD-10-R, in duplicate. Certified plats were filed with your office and attached to our letter of July 9, 1963.

Should the Department of Conservation find our request in order, please mail permit, Form MD-13-R, to the undersigned, P. O. Box 1327 - OCS, Lafayette, Louisiana.

Yours very truly,

H. C. Morgan
Area Production Manager

WRM/jm

cc M. C. Coleman

Attachments

RECEIVED
OCT 22 1963
DEPT. OF CONSERVATION
BATON ROUGE, LA.
PERMIT SECTION

RECEIVED
OCT 21 1963
DEPARTMENT OF MINERALS
LAKE CHARLES

Form MD-14-R

WELL FILE COPY

No. 2882 -R

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION

Renewal Permit..... $25.00

RENEWAL OF PERMIT TO DRILL FOR MINERALS

SERIAL NO.: 97351 BATON ROUGE, LA., 10-30-63, 19

PARISH: Jefferson Davis FIELD: Hayes

OPERATOR: Gulf Oil Corporation

ADDRESS: P.O. Box 1327 OCB
Lafayette, La

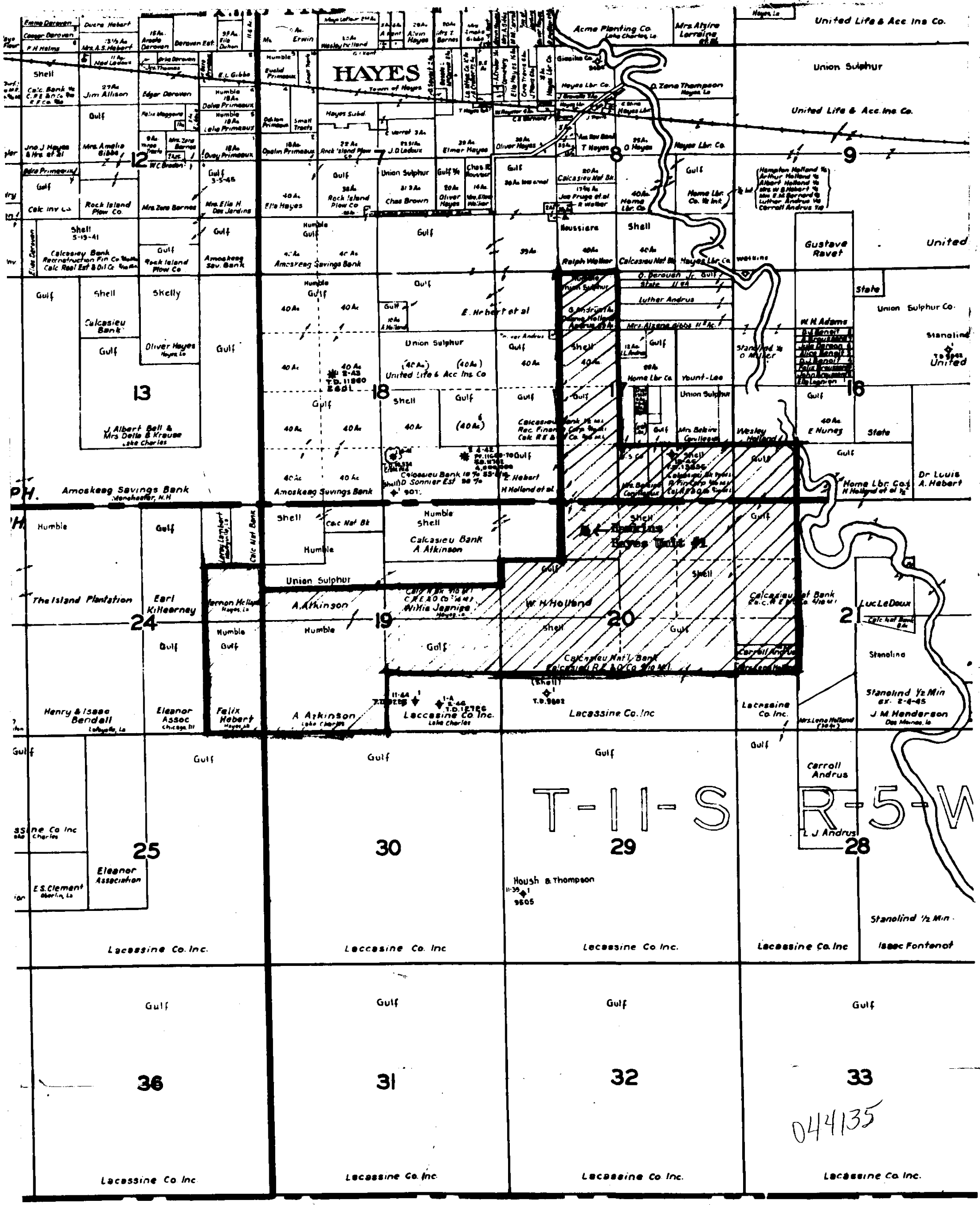
WELL NAME: Hayes Unit 1 NO.: 6

LOCATION OF WELL: Sec. 19 T 11S R 5W

Your Permit to Drill the above described well is hereby renewed, and you are authorized to commence the drilling of said well with the renewal period as specified by Title 30 of Louisiana Revised Statutes of 1950, and in particular with the provisions of Section 204 of Chapter 3, as amended by Act 66 of 1959. This renewal expires Jan 12, 1964, 19

Commissioner

Issuing Authority



Location of the HAWKINS—HAYES UNIT #1 1280 Ac. Unit SCALE: 1 inch = 2000 Ft.

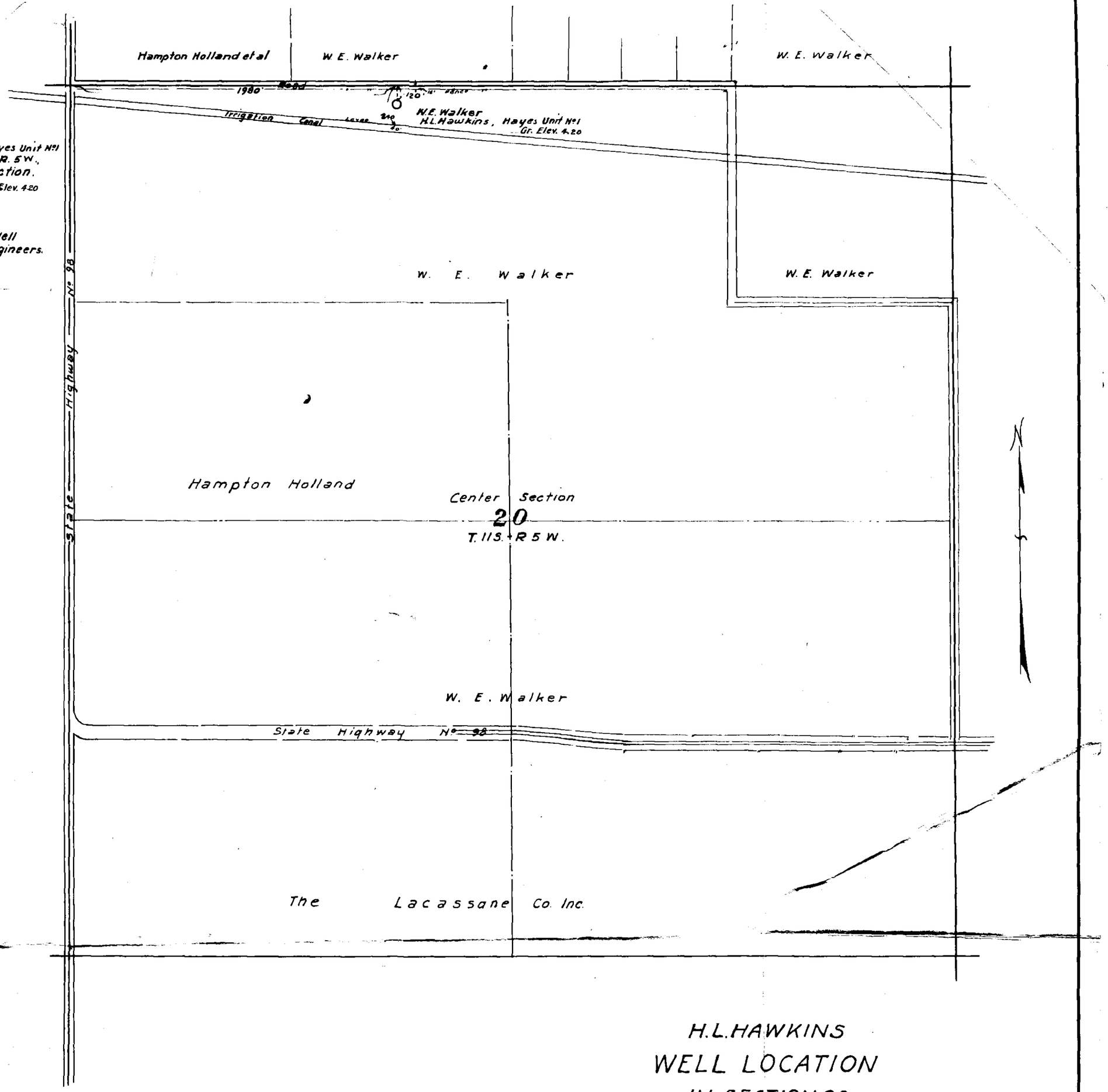
025805

44135

Well Location: W. E. Walker - H.L. Hawkins, Hayes Unit No 1
From the Northwest Corner Section 20, T. 11 S. - R. 5 W.,
thence East 1980 feet along North Line of Section.
Thence South 120 feet to location. Ground Elev. 4.20

We hereby certify that we staked the above Well Location Aug. 31, 1951, F. Shutts' Sons, Civil Engineers.

By Fred N Shutts
License No C.E 79



H.L. HAWKINS
WELL LOCATION
IN SECTION 20
T. 11 S. - R. 5 W.
JEFFERSON DAVIS PARISH, LA.
Scale: 1" = 500' Aug. 31, 1951
F. Shutts' Sons
Civil Engineers
Lake Charles, La.

025804
44135

H. L. HAWKINS
OIL OPERATOR
ESPERSON BUILDING
HOUSTON 2, TEXAS

RECEIVED
SEP 5 1951
DEPARTMENT OF MINERALS
LAKE CHARLES

September 4, 1951

Department of Conservation
Division of Minerals
Lake Charles, Louisiana

Gentlemen:

Attached is our application for a permit to drill a well in the Hays Area, Jefferson Davis Parish, Louisiana.

We attach certified plat in duplicate together with a sectional map of the area showing the Hays Unit as established for this well. We include this not as a formal application plat, but only to show you the nature of the unit in order that you may better understand our reason for locating the well as shown on the certified plat.

Yours very truly,

H. L. Hawkins

C. L. Love

By: C. L. Love

CLL:st

Encl.

GRUBB AND HAWKINS
ESPERSON BUILDING
HOUSTON 2, TEXAS

M. T. GRUBB
H. L. HAWKINS

RECEIVED
SEP 6 1951
DEPARTMENT OF MINERALS
LAKE CHARLES

OIL PRODUCERS

September 5, 1951

State of Louisiana
Department of Conservation
Division of Minerals
Lake Charles, Louisiana

Gentlemen:

Enclosed herewith please find Check No. 92 A to be attached to H. L. Hawkins' application to drill the Hawkins-Hayes Unit #1, Jefferson Davis Parish, Louisiana.

Thank you very much for calling this to our attention immediately.

Yours very truly,

C. L. Love

C. L. Love

st

Encl.

September 7, 1951

Mr. Thos. M. Winfiele, Chief Eng.
Department of Conservation
State Captiol Building
Baton Rouge, Louisiana

Dear Sir:

Find enclosed check for $50.00 covering permit fee, application of H. L. Hawkins to drill Hayes Unit #1, Hayes Field, Jeff. Davis Parish, Louisiana.

Yours very truly,

ARSENE P. EDWARDS
District Manager
Lake Charles, La.

APE:lml

Encl.

Permit Needed

Refer S.O. T-5568

PERFORATING DATA SHEET

LANE-WELLS COMPANY

Number Jobs This Trip Two Land

District So. La. Operating Base Lake Charles Date 12-13-61 S. O. # T-5569

Truck No. LR-1-7 Operator A. M. Le Doux Helper N. L. McDaniel & J. O. Kelley

Customer H. L. Hawkins Authorized Agent Mr. Hawkins

Name of Well Hawkins Hayes Unit No. 1 Field Hayes

State La. ~~County~~/Parish Jeff Davis

Job Scheduled ____ A.M. P.M. Arrived At Location Landing ____ A.M. P.M.

On Job ____ A.M. P.M. ____ M. Res. Off Job ____ A.M. P.M. ____ M. Res.

Standby Time ____ Max. Temp. ____ °F.

New or Old Well New Purpose of Perforating Prod Kind of Fluid Oil-Gas-Water Level Full

Casing Record 7 5/8" - 32# Cemented In 9 5/8" A.P. Liner Record 5" - 18# Cemented In 4 1/2 Hole

Customer's Depth 9584+ Measure Method ____ Zero Point ____

Lane-Wells Depth ____ Size Gun ____ No. ____ No. ____ Type ____ Controller No. ____ No. ____

Bullet Size 4T Holes from 9600 to 9582 Ft. ____ Holes from ____ to ____ Ft.

Holes from ____ to ____ Ft. Shooting Zones Approved By: Henry Spencer Title Supt.

	Run No. ✓	Run No.	Run No.	Run No.	Run No.	Run No.
1		48 holes	960 to 9582	H/E		
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

RECEIVED DEC 22 1961 CHARLES BABB

FORM 122 10M 11-50 M

RUNNING TIME	REMARKS
1) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	
2) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	
3) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	
4) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	
5) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	
6) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	

Mileage: From____ to____

Mileage: From____ to____

Contractor
Gilger Drilling Company
Steam Rig.

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

RECEIVED
OCT 17 1951
DEPARTMENT OF MINERALS
LOUISIANA
CHARLES

- AFFIDAVIT OF TEST OF CASING IN WELL -

DATE WORK DONE Oct 16-1951

~~WORK~~ PERMIT NO. _____
~~WELL~~ SERIAL NO. _____

(One copy to be filed with the District Office)

NOTE:

THIS REPORT WILL BE RETURNED IF NOT PROPERLY FILLED IN AND SIGNED

PARISH Calcasieu FIELD Hayes SEC. ___ TWP. ___ RGE ___

COMPANY H.L. Hawkins LEASE ~~H.L. Hawkins~~ Hayes Unit WELL NO. 1

TOTAL DEPTH 2554

SIZE OF CASING 10 3/6 IN: WT. PER FT. 40.53 #: MAKE pittsburgh

NO. OF THREADS PER IN. 8 GRADE J 55 SEAMLESS yes NEW yes 2ND _____

IF SECOND HAND, WAS PIPE TESTED? _____ DESCRIBE _____

DEPTH LANDED BELOW DERRICK FLOOR 2513 FT. SACKS OF CEMENT 1200 + 4% Gell

SIZE OF HOLE 15 IN.: AMOUNT OF CEMENT LEFT IN PIPE 41 feet

METHOD OF CEMENTING Halliburton CEMENT SET 22 HOURS UNDER 500-750 LBS.

PRESSURE _____ TOTAL TIME SET 22 hours then bled off HOURS

DETAIL OF PRESSURE TEST BEFORE DRILLING PLUG

DATE OF TEST: Oct 16 1951. GAUGE PRESSURE ON CASING 1250 LBS.

PRESSURE AT END OF THIRTY MINUTES (30) 1225 DROP 25 LBS.

TEST FLUID: WATER ~~MUD~~ 8.3 LBS. PER GAS: VISCOSITY 22 SEC.

REMARKS: Date Spudded Oct 11-1951 about 3 AM.
This test was made through Kelly and 4½" drill pipe. Weight 16.6 against 6000# test 2RC. Cameron BP. Other Equipment. 3000# test SDA. BP with Blank Rams for Master Valve

THIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF CONSERVATION, MINERALS DIVISION.

Mr. Frank Williams, Tool pusher stated that another 6000# test 2RC Cameron BP. would be installed a short time later.

SIGNED: H.L. Hawkins
COMPANY

WITNESS: George B. Wasey

By Frank Williams
Representative

Petroleum Inspector

Form
Csg. (T)-MD16

OTW

l

I told Mr. Williams the fuel pumper, the rules and regulations required a sign on the device, which he said would be attended to.

(3) Mud pumper and 4 boilers.

Macey

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

RECEIVED
NOV 15 1951
LAKE CHARLES

- AFFIDAVIT OF TEST OF CASING IN WELL -

WORK PERMIT NO. 28675
WELL SERIAL NO. 44135

DATE WORK DONE 11/9/51

(One copy to be filed with the District Office)

NOTE:
THIS REPORT WILL BE RETURNED IF NOT PROPERLY FILLED IN AND SIGNED

PARISH Jeff. Davis FIELD Hayes SEC. 20 TWP. 11S RGE 5W

COMPANY H.L. Hawkins LEASE Hayes Unit WELL NO. 1

TOTAL DEPTH 9550

SIZE OF CASING 7 5/8 IN: WT. PER FT. TOP 33# Pittsburg (45 Joints) 29# Pittsburg (118 Joints) 26# Pittsburg (51 Joints) 8 Threads 26# #: MAKE Spang (16 Joints) Threads Like Hydril 26# Hydril (96 Joints) Speed Tight thread

NO. OF THREADS PER IN. ____ GRADE N-80 SEAMLESS ✓ NEW ✓ 2ND ____

IF SECOND HAND, WAS PIPE TESTED? ____ DESCRIBE ____

DEPTH LANDED BELOW DERRICK FLOOR 9548 FT. SACKS OF CEMENT 700 Uniflow Cement

SIZE OF HOLE 9 7/8 IN.: AMOUNT OF CEMENT LEFT IN PIPE 45'

METHOD OF CEMENTING Haliburton CEMENT SET 48 HOURS UNDER 700 LBS.

PRESSURE Float Valve TOTAL TIME SET 139 HOURS

DETAIL OF PRESSURE TEST BEFORE DRILLING PLUG

DATE OF TEST: 11/15 1951. GAUGE PRESSURE ON CASING 1500 LBS.

PRESSURE AT END OF THIRTY MINUTES (30) 1500 DROP 0 LBS.

TEST FLUID: WATER ____ MUD 15.5 LBS. PER GAS: VISCOSITY 65 SEC.

REMARKS: ____

THIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF CONSERVATION, MINERALS DIVISION.

SIGNED: H.L. Hawkins
COMPANY

WITNESS: Don W. Smith

Frank Williams
Representative

Form
Csg. (T)-MD16

k

PERFORATING DATA SHEET

LANE-WELLS COMPANY Number Jobs This Trip 11 AND.

District Sulp. Operating Base LAKE CHARLES Date 12-13-51 S. O. #

Truck No. 457 Operator A. LeBlanc Helper W.R. McDaniel & J.O. Kelley

Customer H. L. Hawkins Authorized Agent Mr. Hawkins

Name of Well Hawkins Hayes Unit No. 1 Field Hayes

State La. ~~County~~/Parish Jeff Davis

Job Scheduled A.M. P.M. Arrived At Location Landing A.M. P.M.

On Job A.M. P.M. M. Res. Off Job A.M. P.M. M. Res.

Standby Time Max. Temp. °F.

New or Old Well Purpose of Perforating Kind of Fluid Level

Casing Record 7 5/8" O.D. 32# Cemented In 9 7/8" O. Hole Liner Record 5" O.D. 18# Cemented In 6 1/4" O. H.

Customer's Depth 10,780 Measure Method S.I.D. Zero Point 1' A.F.T.A.F.

Lane-Wells Depth Size Gun No. No. Type Controller No. No.

Bullet Size 24 Holes from 11541 to 11628 Ft. 24 Holes from 11512 to 11577 Ft.

Holes from to Ft. Shooting Zones Approved By: [illegible] Title OWNER

	Run No. 1	Run No.	Run No.	Run No.	Run No.	Run No.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

RECEIVED DEC 17 1951 DIVISION OF LANDS CHARLES

FORM 122 10M 11-50 M

RUNNING TIME	REMARKS
1)	
In From_____ to_____ A.M. P.M.	
Out From_____ to_____ A.M. P.M.	
Fluid_____	
In_____ Out_____	
Holes_____ Total_____	
Misses_____ Total_____	
2)	
In From_____ to_____ A.M. P.M.	
Out From_____ to_____ A.M. P.M.	
Fluid_____	
In_____ Out_____	
Holes_____ Total_____	
Misses_____ Total_____	
3)	
In From_____ to_____ A.M. P.M.	
Out From_____ to_____ A.M. P.M.	
Fluid_____	
In_____ Out_____	
Holes_____ Total_____	
Misses_____ Total_____	
4)	
In From_____ to_____ A.M. P.M.	
Out From_____ to_____ A.M. P.M.	
Fluid_____	
In_____ Out_____	
Holes_____ Total_____	
Misses_____ Total_____	
5)	
In From_____ to_____ A.M. P.M.	
Out From_____ to_____ A.M. P.M.	
Fluid_____	
In_____ Out_____	
Holes_____ Total_____	
Misses_____ Total_____	
6)	
In From_____ to_____ A.M. P.M.	
Out From_____ to_____ A.M. P.M.	
Fluid_____	
Out_____	
Total_____	
Total_____	

Permit Verbal Ref S.O. # T-5523 & T-1333

PERFORATING DATA SHEET

LANE-WELLS COMPANY

Number Jobs This Trip: Brand

District: Sr La Operating Base: Lake Charles Date: 12-14-51 S. O. #: 5564

Truck No.: 169 Operator: H. M. LeDoux Helper: W. R. McDaniel

Customer: H. L. Hawkins Authorized Agent: M R Hawkins

Name of Well: Hawkins Hayes Hunt No.: 1 Field: Hayes

State: La. County/Parish: Jeff Davis

Job Scheduled: Refer A.M. P.M. Arrived At Location Landing A.M. P.M.

On Job A.M. P.M. 72 M. Res. Off Job A.M. P.M. 72 M. Res.

Standby Time Max. Temp. °F.

New or Old Well: New Purpose of Perforating: Prod Kind of Fluid: 2ND 17.5-68 Level: Full

Casing Record: 2 7/8" O.S. 55# Cemented In: 9 7/8" O.H. Liner Record: 5"-18# Cemented In: 6 3/4" O.H.

Customer's Depth: 9900 Measure Method Zero Point

Lane-Wells Depth: T.D.B. Size Gun No. No. Type Controller No. No.

Bullet Size: .24 Holes from: 9804 to 9796 Ft. Holes from to Ft.

Holes from to Ft. Shooting Zones Approved By: [signature] Title: [signature]

	Run No.	Run No.	Run No.	Run No.	Run No.	Run No.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

RECEIVED
DEC 5 '51
LANE-WELLS
LAKE CHARLES

FORM 122 10M 11-50 M

RUNNING TIME	REMARKS
1) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	
2) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	
3) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	
4) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	
5) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	
6) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	

Mileage: From____ to____

Mileage: From____ to____

Permit Verbal

PERFORATING DATA SHEET

LANE-WELLS COMPANY

Number Jobs This Trip 1 Land

District So. La. Operating Base Lake Charles Date 12-17-51 S. O. # 5567

Truck No. LR-167 Operator H. M. LeDoux Helper W. K. McDaniel

Customer H. L. Hawkins Authorized Agent Mr.

Name of Well Hawkins Hayes Unit No. 1 Field Hayes

State La. ~~County~~/Parish Jeff Davis

Job Scheduled _____ A.M. P.M. Arrived At Location Landing _____ A.M. P.M.

On Job _____ A.M. P.M. _____ M. Res. Off Job _____ A.M. P.M. _____ M. Res.

Standby Time 1 Max. Temp. _____ °F.

New or Old Well New Purpose of Perforating Prod Kind of Fluid [illegible] Level Full

Casing Record 7¾" - 32# Cemented In 9¾ E.H. Liner Record 5" - 18# Cemented In 6¼ O.H.

Customer's Depth 1934' Measure Method S.I.D. Zero Point 1' A. Rotary

Lane-Wells Depth _____ Size Gun _____ No. _____ No. _____ Type _____ Controller No. _____ No. _____

Bullet Size 24 Holes from 9804 to 9776 Ft. _____ Holes from _____ to _____ Ft.

Holes from _____ to _____ Ft. Shooting Zones Approved By Lend Spencer Title Supt.

	Run No.	Run No.	Run No.	Run No.	Run No.	Run No.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

RECEIVED
DEC 1 0 1951
DEPARTMENT OF MINERALS
LAKE CHARLES

FORM 122 10M 11-50 M

2

RUNNING TIME	REMARKS
1) In From____ to____ A.M. P.M.	
Out From____ to____ A.M. P.M.	
Fluid____	
In____ Out____	
Holes____ Total____	
Misses____ Total____	
2) In From____ to____ A.M. P.M.	
Out From____ to____ A.M. P.M.	
Fluid____	
In____ Out____	
Holes____ Total____	
Misses____ Total____	
3) In From____ to____ A.M. P.M.	
Out From____ to____ A.M. P.M.	
Fluid____	
In____ Out____	
Holes____ Total____	
Misses____ Total____	
4) In From____ to____ A.M. P.M.	
Out From____ to____ A.M. P.M.	
Fluid____	
In____ Out____	
Holes____ Total____	
Misses____ Total____	
5) In From____ to____ A.M. P.M.	
Out From____ to____ A.M. P.M.	
Fluid____	
In____ Out____	
Holes____ Total____	
Misses____ Total____	
6) In From____ to____ A.M. P.M.	
Out From____ to____ A.M. P.M.	
Fluid____	
In____ Out____	
Holes____ Total____	
Misses____ Total____	

Mileage: From____ to____

Mileage: From____ to____

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

- DRILL STEM TEST RECORD -

RECEIVED
JAN 2 1952
DEPARTMENT OF MINERALS
LAKE CHARLES

DATE WORK DONE 12-20-51

WORK PERMIT NO. 44735
WELL SERIAL NO. 28675

(One copy to be filed with the District Office)

N O T E:
THIS REPORT WILL BE RETURNED IF NOT PROPERLY FILLED IN AND SIGNED

PARISH Jeff Davis FIELD Hayes SEC 20 TWP 11S RGE 5W

COMPANY H. L. Hawkins LEASE Hayes Unit WELL NO. 1

TOTAL DEPTH 11864 NEW OR OLD WELL new

SIZE OF CASING 7 5/8 - 9500' DEPTH OF Liner CASING 11755

DRILLING CONTRACTOR Ledger Drilling Co SUP'T

TYPE OF TESTING TOOL-CONE PACKER ( ) HOOK-WALL PACKER (X) OPEN HOLE ( )

PACKER SET AT 9524 BOTTOM OF HOLE 11864

NUMBER OF HOLES 48 SIZE CASING 5" DEPTH OF PERF. 9582-9600

TIME OF TEST 11 AM TESTING TOOL CO. Johnston

DRY TEST OR WATER CUSHION 5000'

PRESSURE AFTER 6 MIN. 4000 #.

STABILIZED PRESSURE 6500 FINAL PRESSURE TIME 1 hour

CHOKES TOP 10/64 BOTTOM 1/4

SIZE PIPE USED IN TEST 2" WEIGHT 4 70

RECOVERY-FEET OF OIL BARRELS

RECOVERY-FEET OF WATER BARRELS

GRAVITY OF OIL

REMARKS: Gas distillate well.

THIS FORM HAS BEEN APPROVED TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF CON-

STATE OF LOUISIANA DIVISION

SIGNED H. L. Hawkins
COMPANY

[signature]
Representative

RECEIVED
JAN 2 1952
DEPARTMENT OF MINERALS
LAKE CHARLES

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

- PLUG AND SQUEEZE RECORD -

DATE WORK DONE Dec. 29-51

WORK PERMIT NO. 44135
WELL SERIAL NO. 28675

(One copy to be filed with the District Office)

N O T E:
THIS REPORT WILL BE RETURNED IF NOT PROPERLY FILLED AND SIGNED

PARISH Jeff Davis FIELD Hayes SEC 20 TWP 11S RGE 5W

COMPANY H. L. Hawkins LEASE Hayes Unit WELL NO. 1

TOTAL DEPTH 11864 NEW OR OLD WELL new

SIZE CASING 7 5/8 DEPTH OF CASING 9500

CEMENT RETAINER SET AT 9224 DEPTH OF PLUG 9325

SQUEEZE PERFORATIONS FROM Squeeze top of TO Liner

NUMBER OF SACKS 190 NUMBER OF HOURS CEMENT SET 24

PURPOSE OF PLUG AND SQUEEZE JOB To squeeze top of liner

PLUG JOB DONE BY ~~Halliburton~~ Rand Wells

METHOD OF PLACING CEMENT Pump

NUMBER OS SACKS USED 200

BARRELS OF WATER PUMPED BEFORE CEMENT 10 AFTER 10

BREAKDOWN PRESSURE 4000 FINAL PRESSURE 5000

RESULTS

SQUEEZE JOB DONE BY Halliburton

REMARKS:

THIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF CONSERVATION, MINERALS DIVISION.

SIGNED: H. L. Hawkins
COMPANY

Lew Spencer
Representative

Form
Plug & Sq - MD9

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

- PERFORATING RECORD -

RECEIVED
JAN 2 1952
DEPARTMENT OF MINERALS
LAFAYETTE

DATE WORK DONE 12-31-51

WORK PERMIT NO. 44135
WELL SERIAL NO. 28675

(One copy to be filed with the District Office)

N O T E:
THIS REPORT WILL BE RETURNED IF NOT PROPERLY FILLED IN AND SIGNED

PARISH Jeff Davis FIELD Hayes SEC 20 TWP 11S RGE 5W

COMPANY H. L. Hawkins LEASE Hayes Unit WELL NO. 1

TOTAL DEPTH 11864 NEW OR OLD WELL New

SIZE CASING 7 5/8 - 9500 DEPTH OF CASING 5" liner to 11755

DEPTH OF PLUG BELOW PERFORATIONS 9650

PERFORATED FROM 9584 TO 9600

NUMBER OF HOLES 46 SIZE OF HOLES 15/32

PERFORATING COMPANY Lane Wells TRUCK NUMBER 311

PURPOSE OF PERFORATIONS Production

REMARKS:

THIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF CONSERVATION, MINERALS DIVISION.

SIGNED: H. L. Hawkins
COMPANY

H. B. Spencer
Representative

Form
Perf -MD4

Permit Verbal

PERFORATING DATA SHEET

LANE-WELLS COMPANY

Number Jobs This Trip 1 LAND

District SoLA Operating Base LAKE CHARLES Date 12-31-51 S. O. # T-10909

Truck No. 311 Operator A. M. LeDoux Helper J. O. Kelley

Customer H. L. HAWKINS Authorized Agent MR. SPENCER.

Name of Well HAWKINS HAYES UNIT No. 1 Field HAYES

State LA. County/Parish JEFF DAVIS

Job Scheduled _____ A.M. P.M. Arrived At Location Landing _____ A.M. P.M.

On Job _____ A.M. P.M. _____ M. Res. Off Job _____ A.M. P.M. _____ M. Res.

Standby Time _____ Max. Temp. _____ °F.

New or Old Well NEW Purpose of Perforating PROD Kind of Fluid MUD 16.4+5 Level FULL

Casing Record 7 5/8" 38# Cemented In 9 7/8" O.H. Liner Record 5" - 18# Cemented In 6 3/4" O. HOLE

Customer's Depth 9650 Measure Method _____ Zero Point _____

Lane-Wells Depth _____ Size Gun _____ No. _____ No. _____ Type _____ Controller No. _____ No. _____

Bullet Size 48 Holes from 9600 to 9584 Ft. Holes from _____ to _____ Ft.

Holes from _____ to _____ Ft. Shooting Zones Approved By: [signature] Title _____

	Run No.	Run No.	Run No.	Run No.	Run No.	Run No.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

RECEIVED
JAN 2 1952
DEPARTMENT OF MINERALS
LAKE CHARLES

FORM 122 10M 11-50 M

d

RUNNING TIME	REMARKS
1) In From____ to____ A.M. P.M.	
Out From____ to____ A.M. P.M.	
Fluid____	
In____ Out____	
Holes____ Total____	
Misses____ Total____	
2) In From____ to____ A.M. P.M.	
Out From____ to____ A.M. P.M.	
Fluid____	
In____ Out____	
Holes____ Total____	
Misses____ Total____	
3) In From____ to____ A.M. P.M.	
Out From____ to____ A.M. P.M.	
Fluid____	
In____ Out____	
Holes____ Total____	
Misses____ Total____	
4) In From____ to____ A.M. P.M.	
Out From____ to____ A.M. P.M.	
Fluid____	
In____ Out____	
Holes____ Total____	
Misses____ Total____	
5) In From____ to____ A.M. P.M.	
Out From____ to____ A.M. P.M.	
Fluid____	
In____ Out____	
Holes____ Total____	
Misses____ Total____	
6) In From____ to____ A.M. P.M.	
Out From____ to____ A.M. P.M.	
Fluid____	
In____ Out____	
Holes____ Total____	
Misses____ Total____	

Mileage: From____ to____

Mileage: From____ to____

RECEIVED
FEB 1 1952
DEPARTMENT OF MINERALS
LAKE CHARLES

WELL COMPLETION REPORT

OIL WELL (_____) GAS WELL (X) RECOMPLETION (_____)

PARISH Jeff Davis FIELD Hayes

WELL NAME AND NO. Hayes Unit #1

COMPANY H. L. Hawkins DRLG. CONTRACTOR Gilger Drilling Col

PERMIT SERIAL NO. ~~28675~~ 44135 COMMENCED DRILLING

DATE COMPLETED OR RECOMPLETED December 31, 1951

INITIAL PRODUCTION 66.24 BBLS. PER 24 HOURS.

CHOKE SIZE 12/64 GAS OIL RATIO 362 32

TUBING PRESSURE 5850 CASING PRESSURE Packed off

CORRECTED GRAVITY 49.5 ° A. P. I., B. S. & W. P. L.

TOTAL DEPTH 11863 FT., PERFORATED: YES (X) NO. (_____)

PRODUCING DEPTH 9584 - 9600

ALLOWABLE REQUESTED 5000 MCF IF WELL IS RECOMPLETED WITHIN

MONTH January

DATE 1-30-52 BY Leni Spencer

DISTRICT OFFICE

Form SDM #1.

2400 MCF Gas

RECEIVED
JAN 29 1952
DEPARTMENT OF MINERALS

WELL COMPLETION REPORT

OIL WELL (____) GAS WELL (X) RECOMPLETION (____)

PARISH Jeff Davis FIELD Hayes

WELL NAME AND NO. Hayes Unit #1

COMPANY H. L. Hawkins DRLG. CONTRACTOR Gilger Drilling Co.

PERMIT SERIAL NO. ~~28675~~ 44135 COMMENCED DRILLING _____

DATE COMPLETED OR RECOMPLETED December 31, 1951

INITIAL PRODUCTION 66.24 BBLS. PER 24 HOURS.

CHOKE SIZE 12/64 GAS OIL RATIO 362 32

TUBING PRESSURE 5850 CASING PRESSURE Packed off

CORRECTED GRAVITY 49.5 ° A.P.I., B.S.&.W. P. L.

TOTAL DEPTH 11864 FT., PERFORATED : YES (X) NO. (____)

PRODUCING DEPTH 9584-9600

ALLOWABLE REQUESTED 5000 MCF IF WELL IS RECOMPLETED WITHIN

MONTH _____

DATE _____ BY _____

DISTRICT OFFICE _____

Form SDM #1.

January 14, 1952

Mr. Thos. M. Winfield, Chief Eng.
Department of Conservation
State Captiol Building
Baton Rouge, Louisiana

Dear Sir:

Find Enclosed copies of Schlumberger and Log of Well of H.L. Hawkins' Hayes Unit #1, Hayes Field, Jefferson Davis Parish, Louisiana. Serial No. ~~44135.~~ 28675

Yours very truly,

ARSENE P. EDWARDS
District Manager
Lake Charles, La.

Baton Rouge
Rec'd. 1/15/52

APE:lml

Encl.
2cc: State Geologist
Baton Rouge, La.

000 6005

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Workover
[redacted] # 23

WORK PERMIT

PERMIT TO Workover DATE Sept. 4, 1952
PARISH Jeff. Davis FIELD Hayes
COMPANY H.L. Hawkins
ADDRESS 202 Whitney Bldg., New Orleans, La.
WELL NAME Hayes Unit No. 1 SEC. 20 T. 11S R. 5W
WELL PERMIT SERIAL No. 28675 44135 WORK PERMIT No.
LOCATION 1930' from W line 120' from N line of Sec.20

YOU ARE HEREBY AUTHORIZED TO Kill well, pull tubing and check for leak.

TD 11864'

PERMIT REQUESTED BY G. Spencer
Company Representative

AUTHORIZED BY
ARSENE P. EDWARDS
LAKE CHARLES, La. District Office

Form DM-4R
D9 58

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Workover

WORK PERMIT

PERMIT TO Workover DATE 10-28-52

PARISH Jeff. Davis FIELD Hayes

COMPANY H.L. Hawkins

ADDRESS 1850 Mellie Esperson Bldg., Houston, Texas

WELL NAME Hayes Unit No. 1 SEC. 20 T. 11S R. 5W

WELL PERMIT SERIAL No. ~~28675~~ 44135 WORK PERMIT No.

LOCATION 1980' from W / L and 120' from N/L of Sec.20

YOU ARE HEREBY AUTHORIZED TO Kill well, pull tubing change packer rubber.

TD 11864'

PERMIT REQUESTED BY H.E. Spenarr
Company Representative

AUTHORIZED BY

ARSENE P. EDWARDS
LAKE CHARLES, District Office

Form DM-4R
D9 58

a

RECEIVED
NOV 10 1952
DEPARTMENT OF MINERALS
LAKE CHARLES

POTENTIAL REPORT

OIL WELL _____ COMPLETION _____

DISTILLATE WELL _____ RECOMPLETION —

* * * * * * * * * * * * * * *

GAS WELL ✓ RETEST _____

PARISH Jeff Davis TIME GAUGED 2 HOUR

FIELD _____ OPENING TANK GAUGE 3' 1 1/2"

WELL NAME & NO. Hayes Unit #1 CLOSING TANK GAUGE 3' 5"

COMPANY Gradden Hardin DIFFERENCE 3 1/2"

PERMIT NO. _____ SERIAL NO. _____ TANK NUMBER #3

LOCATION: SEC. ____ TWP. ____ RANGE ____ TANK COEF. (BBLS. PER INCH) 2.77

DATE COMPLETED _____ BARRELS PER 2 HOURS 9.69 net

DATE GAUGED 11/5/52 & 11/10/52 ESTIMATED BBLS. PER DAY 116.34 net

FLOWING OR PUMPING _____ CHOCK SIZE Adj TYPE 12/64

PRODUCING HORIZON _____ DAILY GAS VOLUME ~~2,100~~ 2729.52 *"M": CU. FEET

PRODUCING FROM _____ TO _____ GAS/OIL RATIO: 23444/1

PERFORATED FROM _____ TO _____ TUBING PRESSURE 5250 LBS. SQ. IN.

CASING SEAT _____ FEET CASING PRESSURE P.O LBS. SQ. IN.

TUBING; SIZE _____ IN. BOTTOM _____ PERCENT B. S. &/OR S. W. PL

TOTAL DEPTH _____ CORRECTED GRAVITY 55 DEGREES A.P

ACIDIZE WITH _____ GALLONS ELEVATION OF DERRICK FLOOR _____

WITNESSED A. D. Lucas GAUGED BY Richard L. Homer
Inspector or Engineer, DEPARTMENT OF CONSERVATION

TITLE _____ DISTRICT OFFICE _____

CURRENT DATE _____

REMARKS: 58" X 640 # 4 X 1 1/2 Flange

*THOUSANDS

Form SDM #2

37972.6 | 194.865

13997

12

Monthly Well Report

RECEIVED
JAN 13 1953
DEPARTMENT OF MINERALS
LA...

~~POTENTIAL REPORT~~

OIL WELL _____ COMPLETION _____

DISTILLATE WELL _____ RECOMPLETION _____

* * * * * * * * * * * * * * * *

GAS WELL 1 RETEST ✓

PARISH Jeff Davis TIME GAUGED 1 HOUR

FIELD Hayes OPENING TANK GAUGE 10'5"

WELL NAME & NO. Hayes Unit #1 CLOSING TANK GAUGE 10'8"

COMPANY H. L. Hawkins DIFFERENCE 3

PERMIT NO. 38675 SERIAL NO. 44125 TANK NUMBER #4

LOCATION: SEC. 20 TWP. 11 RANGE 5 TANK COEF. (BBLS. PER INCH) 2.77

DATE COMPLETED _____ BARRELS PER 1 HOURS 8.31

DATE GAUGED 1/9/53 ESTIMATED BBLS. PER DAY 199.44 ✓

FLOWING OR PUMPING Flow CHOKE SIZE 15/64 TYPE adi

PRODUCING HORIZON _____ DAILY GAS VOLUME ~~5200~~ 5059.01 "M": CU. FEET

PRODUCING FROM _____ TO _____ GAS/OIL RATION: 25366/1

PERFORATED FROM _____ TO _____ TUBING PRESSURE 4550 LBS. SQ.IN.

CASING SEAT _____ FEET CASING PRESSURE P.O LBS. SQ. IN.

TUBING: SIZE _____ IN. BOTTOM _____ PERCENT B. S. &/OR S. W. P.L.

TOTAL DEPTH _____ CORRECTED GRAVITY 52 DEGREES A.P

ACIDIZE WITH _____ GALLONS ELEVATION OF DERRICK FLOOR _____

WITNESSED H. C. Needham GAUGED BY Raymond Thomas
Inspector or Engineer, DEPARTMENT OF CONSERVATION

TITLE _____ DISTRICT OFFICE _____

CURRENT DATE _____

REMARKS: 32" X 715# 4 X 2 1/4 Flange

*THOUSANDS

Form SDM #2

33107

23350 ⌊ 152.808

Potential

RECEIVED
JAN 29 1952
DEPARTMENT OF MINERALS
LAKE CHARLES

POTENTIAL REPORT

OIL WELL _____ COMPLETION _____

DISTILLATE WELL _____ RECOMPLETION _____

* * * * * * * * * * * * * *

GAS WELL ✓ RETEST _____

PARISH Jeff Davis TIME GAUGED 1 HOUR

FIELD Hayes OPENING TANK GAUGE 6"

WELL NAME & NO. Hayes Unit #1 CLOSING TANK GAUGE 7"

COMPANY A. L. Hawkins DIFFERENCE 1"

PERMIT NO. 2475 SERIAL NO. 4413 TANK NUMBER #1

LOCATION: SEC. 20 TWP. 11 RANGE 5 TANK COEF. (BBLS. PER INCH) 276

DATE COMPLETED 12/31/51 BARRELS PER 1 HOURS 276 ✓

DATE GAUGED 1/22/52 ESTIMATED BBLS. PER DAY 6624 ✓

FLOWING OR PUMPING Flow CHOCK SIZE 12/64 TYPE [illegible]

PRODUCING HORIZON _____ DAILY GAS VOLUME ~~2400~~ 2352 *"M": CU. FEET

PRODUCING FROM 9186 TO 9600 GAS/OIL RATIO: 35,507/1

PERFORATED FROM _____ TO _____ TUBING PRESSURE 1200 LBS. SQ. IN.

CASING SEAT 7 5/8 9550' FEET CASING PRESSURE [illegible] LBS. SQ. IN.

TUBING: SIZE _____ IN. BOTTOM _____ PERCENT B. S. &/OR S. W. [illegible]

TOTAL DEPTH _____ CORRECTED GRAVITY 49.6 DEGREES A.P.I

ACIDIZE WITH _____ GALLONS ELEVATION OF DERRICK FLOOR _____

WITNESSED [illegible] GAUGED BY R. J. Powers
Inspector or Engineer, DEPARTMENT OF CONSERVATION

TITLE [illegible] DISTRICT OFFICE _____

CURRENT DATE _____

REMARKS: 490 H x 10" 4"x2 1/2" Standard [illegible]

*THOUSANDS

Form SDM #2 $33107 \sqrt{10(490+14.7)}$

$71.04224 \times 23107 = 2,351,995$

$\sqrt{5047.0}$

13

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Squeeze
C. #167

WORK PERMIT

PERMIT TO Squeeze DATE 12-2-59

PARISH Jeff Davis FIELD Hayes

COMPANY H. L. Hawkins

ADDRESS 1228 Whitney Bldg., New Orleans, 12, La.

WELL NAME Hayes Unit #1 No. 1 SEC. 20 T. 11S R. 5W

WELL PERMIT SERIAL No. ~~41135~~ 28675 WORK PERMIT No.

LOCATION 1980' fr. W/L 120' fr. N/L of Sec. 20

YOU ARE HEREBY AUTHORIZED TO sq. perfs. @9584-96'

TD 11,864'

PERMIT REQUESTED BY R. W. CARSON
Company Representative

AUTHORIZED BY
ARSENE P. EDWARDS
District Office
Lake Charles, La.

Form DM-4R

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Squeeze
C. #166

WORK PERMIT

PERMIT TO Squeeze DATE 12-2-59
PARISH Jeff Davis FIELD Hayes
COMPANY H. L. Hawkins
ADDRESS 1228 Whitney Bldg., New Orleans 12, La.
WELL NAME Hayes Unit No. 1 SEC. 20 T. 11S R. 5W
WELL PERMIT SERIAL No. 44135 WORK PERMIT No.
LOCATION 1980' fr. W/L 120' fr. N/L of Sec. 20

YOU ARE HEREBY AUTHORIZED TO Shoot & test 8965-69'

TD 11,864'

PERMIT REQUESTED BY R. W. CARSON
Company Representative

AUTHORIZED BY
ARSENE P. EDWARDS
District Office
Lake Charles, La.

Form DM-4R

BJ SERVICE, INC.

CEMENTING OPERATIONS
JOB TICKET

DIVISION: HOUSTON
DISTRICT: LAKE CHARLES **P** 62081
DATE: 12/14/59
CUSTOMER ORDER NO.:

CUSTOMER: H. L. HAWKINS & H. L. HAWKINS JR.	OWNER OF WELL: SAME
MAIL INVOICE TO: P.O. BOX 1146	WELL NO.: 1 — LEASE: HAYES UNIT #1
CITY: LAKE CHARLES — STATE: LA.	FIELD: HAYES — COUNTY: JEFF DAVIS
AUTHORIZED BY: "	STATE: LA.

Owner, Contractor, or his Agent submits the following data for the Service Job to be performed:

Type Job: PUMPING — Depth: 9600 Ft.

Surface ☐ Intermediate ☐ Production ☑ Remedial ☐

Size Hole: — Depth: Ft.

Size & Wt. Casing: 7 5/8 — New ☐ Used ☑ — Depth: 9600 Ft.

Size & Wt. D. Pipe or Tubing: 2 3/8 EUE 4.7# — Depth: 9600 Ft.

Top Plugs: — Type: —

Bottom Plugs: — Type: —

Leather Cups: — Rubber Discs: —

Other: —

Type Head: — Manifold: —

Additional Instructions or Data:

CEMENT DATA: Bulk ☐ Sacks ☐ Bulk Ticket No. B

Sacks	Brand	Type	% Gel	Admixes
	NO			

Weight of Slurry: — Lbs. — Lbs. — Lbs.

Volume of Slurry: — Cu. Ft. — Cu. Ft. — Cu. Ft.

Cement Treated With: —

Amount Treating Chemical: —

Treated Cement: — Sacks.

CONTRACT CONDITIONS (This order must be signed before work is commenced:):

To BJ Service, Inc.: The undersigned, as customer, has read the Instructions set forth above and agrees that they are correct in all respects. The above job shall be under the general supervision and control of the owner, operator, or his agent, whose signature appears below; however, it is expressly understood and agreed that BJ Service, Inc., will perform the work as an independent contractor and not as an employee of the owner, operator, or his agent. It is understood and agreed that because of uncertain and/or unknown conditions existing in oil wells, BJ Service, Inc., does not guarantee the results of the work to be performed, nor will it be responsible for damage to life or property as a result of the work performed under this agreement. Customer agrees that, should any of the BJ Service, Inc., equipment be lost or destroyed, customer will use all reasonable efforts to recover the said equipment, or reimburse BJ Service, Inc., for the reasonable value thereof. It is expressly understood and agreed that BJ Service, Inc., will not be bound by any agreement not herein contained, and no agent or representative employed directly or indirectly by BJ Service, Inc., has authority to alter or amend the terms of this agreement. I have read, understand and accept the foregoing conditions and represent that I am authorized to sign this order as the agent of the owner or contractor.

Signed: H. C. McDaniel
AGENT OF OWNER OR CONTRACTOR

	Time		Date	When Released During Waiting Time, Show the Time in the Station or On Call.
Truck Called	12:30	AM PM	12/14	
Station Clock	1:00	AM PM	"	
Arrived at Job	2:30	AM PM	"	From
Start Operation	3:30	AM PM	"	To
Finish Operation	1:00	AM PM	"	From
Released	7:00	AM PM	"	To
Left Well	10:30	AM PM		From
Station Clock		AM PM		To

Fluid Pumped:	1140 Cu. Ft. / 36 Gal. Bbl.	Cu. Ft. / Gal. / Bbl.	Cu. Ft. / Gal. / Bbl.
Pressure Max.:	2300 P.S.I.	P.S.I.	P.S.I.
Pressure Circ.:	2000 P.S.I.	P.S.I.	P.S.I.

Cement Left in Pipe: — Ft. Requested ☐ Necessity ☐

Pumped Down By: Pump Truck ☐ — Rig Pump ☐ —

Measured Displacement By: Volume ☑ — Wire Line ☐

Miles from Station to Well:

SERVICE ENGINEER	EQUIPMENT OPERATOR	TRUCK NO.	No. Stages
W.M. BRESHEAR	M.C. GARNER	1177	

PRICING DATA
This is not an invoice. Pricing is subject to review and correction.

Base Charge: Code 103-A Job at 9600 ft. depth	261	00
Addn. Charge: ft. @ per ft.		
Extra Truck: Trucks @ Per Truck		
Extra Hours: Hours @ Per Hour		
Extra Stages: Stages @ Per Stage		
Waiting Time: Hours @ Per Hour		
Mileage Charge: Miles @ Per Mile		
Treated Cement:		
Other:		
MATERIALS		
Tax		
TOTAL	261	00

Priced by: W.M. Bresheer

Pricing Effected by Ticket No.:

Standby Truck No.:

Other Equipment Used:

RECEIVED DEC 15 1959 DEPARTMENT OF MATERIALS LAKE CHARLES

REMARKS:

Copy to Customer.

The above job was performed. Signed: H. C. McDaniel
AGENT OF OWNER OR CONTRACTOR

BJS-21 REV. 3M 7-58

BJ SERVICE, INC.

CEMENTING OPERATIONS
JOB TICKET

DIVISION: Houston
DISTRICT: Lake Charles
DATE: 12/15/59
CUSTOMER ORDER NO.:

P 62082

CUSTOMER: H.L. Hawkins	OWNER OF WELL: Same
MAIL INVOICE TO: PO 1166	WELL NO.: 1 — LEASE: Hayes Unit 7
CITY: Jenning — STATE: La.	FIELD: Hayes — COUNTY: Jeff Davis
AUTHORIZED BY:	STATE: La.

Owner, Contractor, or his Agent submits the following data for the Service Job to be performed:

Type Job: Pumping — Depth: 5100 Ft.
Surface ☐ Intermediate ☐ Production ☒ Remedial ☐
Size Hole: — Depth: Ft.
Size & Wt. Casing: 7 5/8 New ☐ Used ☒ Depth: 9600 Ft.
Size & Wt. D. Pipe or Tubing: 2 3/8 EUE 7.40 Depth: 9600 Ft.
Top Plugs: — Type: —
Bottom Plugs: — Type: —
Leather Cups: — Rubber Discs: —
Other: —
Type Head: — Manifold: —

CEMENT DATA: Bulk ☐ Sacks ☐ Bulk Ticket No. B

Sacks	Brand	Type	% Gel	Admixes

Weight of Slurry: Lbs. Lbs. Lbs.
Volume of Slurry: Cu. Ft. Cu. Ft. Cu. Ft.
Cement Treated With:
Amount Treating Chemical:
Treated Cement: Sacks.

Additional Instructions or Data:

CONTRACT CONDITIONS (This order must be signed before work is commenced:):

To BJ Service, Inc.: The undersigned, as customer, has read the Instructions set forth above and agrees that they are correct in all respects. The above job shall be under the general supervision and control of the owner, operator, or his agent, whose signature appears below; however, it is expressly understood and agreed that BJ Service, Inc., will perform the work as an independent contractor and not as an employee of the owner, operator, or his agent. It is understood and agreed that because of uncertain and/or unknown conditions existing in oil wells, BJ Service, Inc., does not guarantee the results of the work to be performed, nor will it be responsible for damage to life or property as a result of the work performed under this agreement. Customer agrees that, should any of the BJ Service, Inc., equipment be lost or destroyed, customer will use all reasonable efforts to recover the said equipment, or reimburse BJ Service, Inc., for the reasonable value thereof. It is expressly understood and agreed that BJ Service, Inc., will not be bound by any agreement not herein contained, and no agent or representative employed directly or indirectly by BJ Service, Inc., has authority to alter or amend the terms of this agreement. I have read, understand and accept the foregoing conditions and represent that I am authorized to sign this order as the agent of the owner or contractor.

Signed: H.C. Needham
AGENT OF OWNER OR CONTRACTOR

	Time		Date	When Released During Waiting Time, Show the Time in the Station or On Call.
Truck Called	9:00	AM ~~PM~~	12/15	
Station Clock	9:30	AM ~~PM~~	"	
Arrived at Job	10:30	AM ~~PM~~	"	From
Start Operation	3:00	~~AM~~ ~~PM~~	"	To
Finish Operation	4:00	AM PM	"	From
Released	4:30	~~AM~~ PM	"	To
Left Well	5:00	~~AM~~ PM	"	From
Station Clock		AM PM		To

Fluid Pumped:	MUD 5 ~~Cu. Ft.~~ ~~Gal.~~ Bbl.	Cu. Ft. Gal. Bbl.	Cu. Ft. Gal. Bbl.
Pressure Max.:	2200 P.S.I.	P.S.I.	P.S.I.
Pressure Circ.:	2000 P.S.I.	P.S.I.	P.S.I.

Cement Left in Pipe: — Ft. Requested ☐ Necessity ☐
Pumped Down By: Pump Truck ☐ Rig Pump ☐
Measured Displacement By: Volume ☐ Wire Line ☐
Miles from Station to Well:

SERVICE ENGINEER	EQUIPMENT OPERATOR	TRUCK NO.	No. Stages
W.M. Brashear	M.C. Garner	1177	

PRICING DATA
This is not an invoice. Pricing is subject to review and correction.

Base Charge: Code 103-A Job at 5100 ft. depth	261	00
Addn. Charge: ft. @ per ft.		
Extra Truck: Trucks @ Per Truck		
Extra Hours: Hours @ Per Hour		
Extra Stages: Stages @ Per Stage		
Waiting Time: Hours @ Per Hour		
Mileage Charge: Miles @ Per Mile		
Treated Cement:		
Other:		
MATERIALS		
Tax		
TOTAL	261	00

RECEIVED
DEC 17 1959
DEPARTMENT OF MINES
LAKE CHARLES

Priced by: W.M. Brashear
Pricing Effected by Ticket No.:
Standby Truck No.:
Other Equipment Used:

REMARKS:

Copy to Customer

The above job was performed. Signed: H.C. Needham
AGENT OF OWNER OR CONTRACTOR

BJS 21 REV. 3M 7-58

SERVICE ORDER AND DELIVERY RECEIPT

McCullough Tool Company

EASTERN DIVISION MAIN OFFICE
P. O. Box 2575, Houston 1, Texas
Telephone OR 2-2461

M 164

TICKET No. A 66197

DATE 12-20-59

To: McCullough Tool Company:

In accordance with the General Terms and Conditions shown in your current price list, you are hereby requested to perform work described below and furnish service men to deliver and operate same, under the direction and supervision of the well owner or drilling contractor or his representative for which we promise to pay your charges at Houston, Texas. As a part of the consideration hereof, it is agreed that the McCullough Tool Company shall not be liable or responsible for any loss, damage or injury to said well resulting from the use of its tools or equipment, or from the acts of any person engaged in doing such work on the described well. It is expressly understood that McCullough Tool Company will not be bound by any agreement, verbal or otherwise, not contained herein or stated in the General Terms and Conditions.

TYPE OF SERVICE ORDERED Bullet Perforate

Charge to H. L. Hawkins Customer's Order No.

Mailing Address 1228 Whitney Bldg. New Orleans, La. Truck No. 904

Well Name & Number Hayes Unit 1 Well #7 County Jefferson Davis State La.

Owner, Agent, Representative H. C. Moodam Title

Sign Before Commencement of Work.

QUANTITY	DESCRIPTION OF SERVICE OR EQUIPMENT	PRICE
	To Bullet Perforate your 7 5/8" O.D. Casing with M3 Gun from 8952' to 8958'	
	Service Truck + Labor charge; Perforating Charge; 24-1/2" Holes;	
	Rental of 1-6" 1500 Series Flange 1 Ring Gasket + 6 Studs.	

Mileage:

Standby Time or Service Charges

TOTAL

RECEIVED
JAN 4 1960
DEPARTMENT OF MINERALS
LAKE CHARLES

Serviced by: Watens-Jack

BRANCH Lake Charles, La.

The above described material and/or service has been received. DATE 12-

OWNER H. L. Hawkins

Agent or Representative H. C. Moodam

RECEIVED
JAN 9 1960
DEPARTMENT OF MINERALS
LAKE CHARLES

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

- DRILL STEM TEST RECORD -

DATE WORK DONE December 21, 1959

WORK PERMIT NO. ~~44125~~
WELL SERIAL NO. ~~28675~~

(One copy to be filed with the District Office)

N O T E: THIS REPORT WILL BE RETURNED IF NOT PROPERLY FILLED IN AND SIGNED

PARISH Jefferson Davis FIELD Hayes SEC 20 TWP 11S RGE 5W

COMPANY H. L. Hawkins LEASE Hayes Smith #1 WELL NO. 1

TOTAL DEPTH 11,864 NEW OR OLD WELL Old Well

SIZE OF CASING 7 5/8" & 5" DEPTH OF CASING 11755'

DRILLING CONTRACTOR Allied Well Service SUP'T Ray Fissue

TYPE OF TESTING TOOL-COMB PACKER ( ) HOOK-WALL PACKER (✓) OPEN HOLE ( )

PACKER SET AT 8923 BOTTOM OF HOLE 11755

NUMBER OF HOLES 24 SIZE CASING 7 5/8" DEPTH OF PERF. 8952-58

TIME OF TEST 7:20 A.M. TESTING TOOL CO Howco

DRY TEST ✓ OR WATER CUSHION 7500'

PRESSURE AFTER 25 MIN. 300# #.

STABILIZED PRESSURE 1800# FINAL PRESSURE 1200# TIME 10:40 A.M.

CHOKES TOP 12/64" BOTTOM 1/4"

SIZE PIPE USED IN TEST 2 7/8" D.P. WEIGHT 10.40 D.P.

RECOVERY-FEET OF OIL None BARRELS None

RECOVERY-FEET OF WATER Reversed Circulation BARRELS Reversed out saltwater

GRAVITY OF OIL ✓

REMARKS: Tested saltwater w/ slight amount of gas

THIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF CONSERVATION, MINERALS DIVISION.

SIGNED: H. L. Hawkins & H. L. Hawkins, Jr.
COMPANY

H. C. Peebham
Representative

Form
D.S.T. - MD17

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Squeeze
L.C. #172

WORK PERMIT

PERMIT TO Squeeze DATE 12-23-59
PARISH Jeff Davis FIELD Hayes
COMPANY H. L. Hawkins
ADDRESS 1228 Whitney Bk. Bldg., New Orleans 12, La.
WELL NAME Hayes Unit 1 No. 1 SEC. 20 T. 11S R. 5W
WELL PERMIT SERIAL No. ~~14135~~ 2867 WORK PERMIT No.
LOCATION 1980' fr W/L 120' fr. N/ L of Sec. 20

YOU ARE HEREBY AUTHORIZED TO sq. perfs. 8965-69'

TD 11,864'

PERMIT REQUESTED BY R. WEARSON
Company Representative

AUTHORIZED BY
ARSENE P. EDWARDS
District Office
Lake Charles, La.

Form DM-4R

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Squeeze
L.C. #174

WORK PERMIT

PERMIT TO Squeeze DATE 12-28-59

PARISH Jeff Davis FIELD Hayes

COMPANY H. L. Hawkins

ADDRESS 1228 Whitney Bk. Bldg., New Orleans 21, La.

WELL NAME Hayes Unit 1 No. 1 SEC 20 T. 11S R. 5W

WELL PERMIT SERIAL No. ~~44135~~ WORK PERMIT No.

LOCATION 1980' fr. W/L 120' fr. n/L of Sec. 20

YOU ARE HEREBY AUTHORIZED TO sq. the perfs. fr. 8952-58'

TD 11,864

PERMIT REQUESTED BY FORREST C. WILSON, JR.
Company Representative

AUTHORIZED BY

ARSENE P. EDWARDS
District Office
Lake Charles, La.

Form DM-4R

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

PERFORATE
L.C. #485

WORK PERMIT

PERMIT TO Perforate DATE 12-28-59
PARISH Jeff Davis FIELD Hayes
COMPANY H. L. Hawkins
ADDRESS 1228 Whitney Bk. Bldg., New Orleans 12, La.
WELL NAME Hayes Unit 1 No. 1 SEC. 20 T. 11S R. 5W
WELL PERMIT SERIAL No. 40135 WORK PERMIT No.
LOCATION 1980' fr. W/L 120' fr. N/L of Sec. 20

YOU ARE HEREBY AUTHORIZED TO To perf. fr. 9794-9808' & DST

TD 11,864'

PERMIT REQUESTED BY FORREST C. WILSON, JR.
Company Representative

AUTHORIZED BY
ARSENE P. EDWARDS
District Office
Lake Charles, La.

Form DM-4R

PERFORATING DATA SHEET

Permit Vertical

LANE-WELLS COMPANY

Number Jobs This Trip 1 Land

District L.C. Operating Base L.C. Date 1-4-60 S. O. # 417

Truck No. 12436 Operator L Owen Helper H. Field

Customer H. L. Hawkins Authorized Agent Mr. Needham

Name of Well Hayes Unit No. 1 Field Hayes

State La. County/Parish Jeff Davis

Job Scheduled _____ A.M. P.M. Arrived At Location Landing _____ A.M. P.M.

On Job _____ A.M. P.M. _____ M. Res. Off Job _____ A.M. P.M. _____ M. Res.

Standby Time _____ Max. Temp. _____ ° F.

New or Old Well Old Purpose of Perforating Prod Kind of Fluid 12.8-60 Level 7 ac

Casing Record 7 5/8 Cemented In 930 OH Liner Record 5" 18# Cemented In 620

Customer's Depth 9906 Measure Method _____ Zero Point 17' ABH

Lane-Wells Depth _____ Size Gun _____ No. _____ No. _____ Type _____ Controller No. _____ No. _____

Bullet Size 16 Holes from 9812 to 9808 Ft. 8 Holes from 9808 to 9804 Ft. _____

Holes from _____ to _____ Ft. Shooting Zones Approved By H. C. Needham Title _____

	Run No. 1	Run No.	Run No.	Run No.	Run No.	Run No.
1	9812 - 12.5"					
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

RECEIVED
JAN 13 1960
DEPARTMENT OF MINERALS
LAKE CHARLES

Form 122

RUNNING TIME	REMARKS
1) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	
2) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	
3) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	
4) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	
5) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	
6) In From____ to____ A.M. P.M. Out From____ to____ A.M. P.M. Fluid____ In____ Out____ Holes____ Total____ Misses____ Total____	

Mileage: From____ to____

Mileage: From____ to____

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Squeeze
LC #2

WORK PERMIT

PERMIT TO Squeeze DATE 1-5-60

PARISH Jeff Davis FIELD Hayes

COMPANY H. L. Hawkins & H. L. Hawkins, Jr.

ADDRESS 1228 Whitney Bk. Bldg., New Orleans 12, La.

WELL NAME Hayes Unt. #1 No. 1 SEC. 20 T. 11S R. 5W

WELL PERMIT SERIAL No. 44135 WORK PERMIT No.

LOCATION 1980' from W/L 120' from N/L of Sec.20

YOU ARE HEREBY AUTHORIZED TO Sq. perforations 9704-9712'

TD 11864'

PERMIT REQUESTED BY R. W. CARSON
Company Representative

AUTHORIZED BY

ARSENE P. EDWARDS
Lake Charles, La. District Office

Form DM-4R

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

- DRILL STEM TEST RECORD -

RECEIVED
JAN 9 1960
DEPARTMENT OF CONSERVATION
LAKE CHARLES

DATE WORK DONE January 5 - 1960 WORK PERMIT NO. _____
WELL SERIAL NO. ~~44132~~ 28695

(One copy to be filed with the District Office)

N O T E: THIS REPORT WILL BE RETURNED IF NOT PROPERLY FILLED IN AND SIGNED

PARISH Jefferson Davis FIELD Hayes SEC 20 TWP 11S RGE 5W

COMPANY H. L. Hawkins LEASE J. Hayes Unit #1 WELL NO. 1

TOTAL DEPTH 11864 NEW OR OLD WELL Old

SIZE OF CASING 7 5/8" & 5" DEPTH OF CASING 11755

DRILLING CONTRACTOR Allied Well Service SUP'T Roy Fissue

TYPE OF TESTING TOOL-CONE PACKER ( ) HOOK-WALL PACKER (✓) OPEN HOLE ( )

PACKER SET AT 9775' BOTTOM OF HOLE 11755'

NUMBER OF HOLES 24 SIZE CASING 5" DEPTH OF PERF. 9804'-12'

TIME OF TEST 7:10 A.M. TESTING TOOL CO. Howco

DRY TEST ✓ OR WATER CUSHION 4929'

PRESSURE AFTER ~~None~~ MIN. None #.

STABILIZED PRESSURE 0 FINAL PRESSURE 0 TIME 9:30 A.M.

CHOKES TOP 12/64" BOTTOM 1/4"

SIZE PIPE USED IN TEST 2 7/8" D.P. WEIGHT 10.40#

RECOVERY-FEET OF OIL None BARRELS None

RECOVERY-FEET OF WATER None BARRELS None

GRAVITY OF OIL ✓

REMARKS: Recovered 270' gas cut mud

THIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF CONSERVATION, MINERALS DIVISION.

SIGNED: H. L. Hawkins & H. L. Hawkins, Jr.
COMPANY

H. C. McGahan
Representative

Form
D.S.T. - MD17

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Perforate & Sq.
L.C.#4

WORK PERMIT

PERMIT TO Perforate & Squeeze DATE 1-30-60

PARISH Jeff Davis FIELD Hayes

COMPANY H. L. Hawkins

ADDRESS 1228 Whitney Bldg., New Orleans, La.

WELL NAME Hayes Unt. #1 No. 1 SEC. 20 T. 11S R. 5W

WELL PERMIT SERIAL No. 44135 WORK PERMIT No.

LOCATION 1980' from W/L 120' from N/L of Sec. 20

YOU ARE HEREBY AUTHORIZED TO Perf. 7020-22' for block squeeze.

TD 11864'

PERMIT REQUESTED BY H. C. NEEDHAM
Company Representative

AUTHORIZED BY
ARSENE P. EDWARDS
Lake Charles, District Office

Form DM-4B

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

WORK PERMIT

Perf. & Squeeze
L.C.#5

PERMIT TO Perf. & Squeeze
PARISH Jeff Davis DATE 1-30-60
COMPANY H. L.Hawkins FIELD Hayes
ADDRESS 1228 Whitney Bldg., New Orleans, La.
WELL NAME Hayes Unt. #1
WELL PERMIT SERIAL No. ~~24~~ 44135 No. 1 SEC. 20 T. 11S 5W
LOCATION 1980' fr. W/L 120' from N/L of Sec. 20 WORK PERMIT No.

YOU ARE HEREBY AUTHORIZED TO Perforate 6998-7000' for block squeeze.

PERMIT REQUESTED BY H. C. NEEDHAM TD 11864'
Company Representative

AUTHORIZED BY
ARSENE P.E DWARDS - Lake Charles, La.
District Office

Form DM-4R

SERVICE ORDER AND DELIVERY REC[illegible]T

McCullough Tool Company

EASTERN DIVISION MAIN OFFICE
P. O. Box 2575, Houston 1, Texas
Telephone OR 2-2461

TICKET **No. A** 77011

DATE 1-30-60

To: McCullough Tool Company:

In accordance with the General Terms and Conditions shown in your current price list, you are hereby requested to perform work described below and furnish service men to deliver and operate same, under the direction and supervision of the well owner or drilling contractor or his representative for which we promise to pay your charges at Houston, Texas. As a part of the consideration hereof, it is agreed that the McCullough Tool Company shall not be liable or responsible for any loss, damage or injury to said well resulting from the use of its tools or equipment, or from the acts of any person engaged in doing such work on the described well. It is expressly understood that McCullough Tool Company will not be bound by any agreement, verbal or otherwise, not contained herein or stated in the General Terms and Conditions.

TYPE OF SERVICE ORDERED Four-Way Jet Squeeze

Charge to H. L. Hawkins Customer's Order No.

Mailing Address 1228 Whitney Bldg. New Orleans, La. Truck No. 904

Well Name & Number Hayes Unit #1 Well #1 County Jefferson Davis State La.

Owner, Agent, Representative H. C. Needham Title Hayes

Sign Before Commencement of Work.

QUANTITY	DESCRIPTION OF SERVICE OR EQUIPMENT	PRICE
	To Jet Perforate 7 5/8" OD Casing with the Four-Way Squeeze Gun from 7020 To 7022	
	Service Truck + Labor Charge: Perforating Charge: 8 Holes:	
	Rental of 6" 1500 Series Flange Ring Gasket + 6 Studs:	

Mileage:

Standby Time or Service Charges

TOTAL

RECEIVED FEB 2 1960 DEPARTMENT OF MINERALS LAKE CHARLES

Serviced by: Waters-Simmons

BRANCH Lake Charles, La.

The above described material and/or service has been received. DATE 1-30-60

OWNER H. L. Hawkins.

Agent or Representative H. C. Needham

SERVICE ORDER AND DELIVERY RECEIPT

McCullough Tool Company

EASTERN DIVISION MAIN OFFICE
P. O. Box 2575, Houston 1, Texas
Telephone OR 2-2461

TICKET No. A 77012

DATE 1-31-60

To: McCullough Tool Company:

In accordance with the General Terms and Conditions shown in your current price list, you are hereby requested to perform work described below and furnish service men to deliver and operate same, under the direction and supervision of the well owner or drilling contractor or his representative for which we promise to pay your charges at Houston, Texas. As a part of the consideration hereof, it is agreed that the McCullough Tool Company shall not be liable or responsible for any loss, damage or injury to said well resulting from the use of its tools or equipment, or from the acts of any person engaged in doing such work on the described well. It is expressly understood that McCullough Tool Company will not be bound by any agreement, verbal or otherwise, not contained herein or stated in the General Terms and Conditions.

TYPE OF SERVICE ORDERED Four-way Jet Squeeze

Charge to H. L. Hawkins Customer's Order No.

Mailing Address 1228 Whitney Bldg. New Orleans, LA. Truck No. 904

Well Name & Number Hays Unit #1 Well #1 County Jefferson Davis State LA.

Owner, Agent, Representative H. C. Needham Title

Sign Before Commencement of Work.

QUANTITY	DESCRIPTION OF SERVICE OR EQUIPMENT	PRICE
	To Jet Perforate 7 5/8 O.D. Casing with	
	Four-way Squeeze Gun From 6998'-7000'	
	Service truck & labor Charge	
	Perforating Charge 8 jets	

Mileage:

Standby Time or Service Charges

TOTAL

RECEIVED FEB 1 1960 DEL. LAKE CHARLES

Serviced by: Waters - Jack

BRANCH Lake Charles

The above described material and/or service has been received. DATE 1-31-60

OWNER H. L. HAWKINS

Agent or Representative H. C. Needham

35

SERVICE ORDER AND DELIVERY RECEIPT

McCullough Tool Company

EASTERN DIVISION MAIN OFFICE
P. O. Box 2575, Houston 1, Texas
Telephone OR 2-2461

TICKET No. A 66221

DATE 2-2-60

To: McCullough Tool Company:

In accordance with the General Terms and Conditions shown in your current price list, you are hereby requested to perform work described below and furnish service men to deliver and operate same, under the direction and supervision of the well owner or drilling contractor or his representative for which we promise to pay your charges at Houston, Texas. As a part of the consideration hereof, it is agreed that the McCullough Tool Company shall not be liable or responsible for any loss, damage or injury to said well resulting from the use of its tools or equipment, or from the acts of any person engaged in doing such work on the described well. It is expressly understood that McCullough Tool Company will not be bound by any agreement, verbal or otherwise, not contained herein or stated in the General Terms and Conditions.

TYPE OF SERVICE ORDERED Jet Perforate

Charge to H. L. Hawkins / H. L. Hawkins Jr. Customer's Order No.

Mailing Address 1229 Whitney Bldg - New Orleans La Truck No. 1374

Well Name & Number Hwy Unit #1 Well #1 County Jefferson Davis State La.

Owner, Agent, Representative [illegible] Title

Sign Before Commencement of Work.

QUANTITY	DESCRIPTION OF SERVICE OR EQUIPMENT	PRICE
	To Jet Perforate 7 5/8" O.D. Casing with	
	Hollow Gun from 7003' to 7011'	
	Service Truck & Labor Chg.	
	Perforating Chg. 32 Holes	

RECEIVED
MAR 2 1960
DEPARTMENT OF MINERALS
LAKE CHARLES

Mileage: — —

Standby Time or Service Charges

TOTAL

Serviced by [illegible]

The above described material and/or service has been received. DATE 2-2-60

BRANCH Lake Charles, La.

OWNER

Agent or Representative [illegible]

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Squeeze
L.C.#13

WORK PERMIT

PERMIT TO Squeeze DATE 2-3-60

PARISH Jeff Davis FIELD Hayes

COMPANY H. L. Hawkins

ADDRESS 1228 Whitney Bldg., New Orleans, La.

WELL NAME Hayes Unt. #1 No. 1 SEC 20 T. 11S R. 5W

WELL PERMIT SERIAL No. ~~[illegible]~~ 14135 WORK PERMIT No.

LOCATION 1980' fr. W/L 120' from N/L of Sec. 20

YOU ARE HEREBY AUTHORIZED TO Sq. perfs. fr. 7003-11' and shut down operations at present but to be continued later.

TD 11864'

PERMIT REQUESTED BY H. C. NEEDHAM
Company Representative

AUTHORIZED BY ARSENE P. EDWARDS - Lake Charles, La.
District Office

Form DM-4R

Perforate
L.C.# 260

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

WORK PERMIT

PERMIT TO Perforate DATE Dec.12, 1951
PARISH Jeff. Davis FIELD Hayes
COMPANY H.L. Hawkins et al
ADDRESS 202 Whitney Bldg. New Orleans, La.
WELL NAME Hayes Unit No. 1 SEC. 20 T. 11S R. 5W
WELL PERMIT SERIAL No. ~~28675~~ 44135 WORK PERMIT No.
LOCATION 1980' from W line & 120' from N. line of Sec.20

YOU ARE HEREBY AUTHORIZED TO 11497 to11512 and 11628 to 11541.

TD 11864'

PERMIT REQUESTED BY H.L. Hawking Jr.
Company Representative

AUTHORIZED BY ARSENE P. EDWARDS
District Office
LAKE CHARLES, LA.

Form DM-4R
20M 11-50

Plug & Perforate
L.C.# 77

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

WORK PERMIT

PERMIT TO Plug & Perforate DATE Dec. 14, 1951
PARISH Jeff. Davis FIELD Hayes
COMPANY H. L. Hawkins et al
ADDRESS 202 Whitney Bldg., New Orleans, La.
WELL NAME Hayes Unit No. 1 SEC. 20 T. 11S R. 5W
WELL PERMIT SERIAL No. 28675 4433 WORK PERMIT No.
LOCATION 1980' from W line & 120' from N line of Sec. 20

YOU ARE HEREBY AUTHORIZED TO Set Baker plug & cmt. at 9900 and test plug then perforate from 9786-9804.

TD 11864'

PERMIT REQUESTED BY F. S. Kelly Jr.
Company Representative

AUTHORIZED BY
ARSENE P. EDWARDS
District Office
LAKE CHARLES, LA.

Form DM-4R
20M 11-50

k-1

Plug &Perforate
L.C.# 78

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

WORK PERMIT

PERMIT TO Plug & Perforate DATE 12-17-51

PARISH Jeff. Davis FIELD Hayes

COMPANY H.L. Hawkins

ADDRESS 202 Whitney Bldg., New Orleans, La.

WELL NAME Hayes Unit #1 No. 1 SEC. 20 T. 11S R. 5W

WELL PERMIT SERIAL No. ~~26676~~ 44135 WORK PERMIT No.

LOCATION 1980' from W lines & 120 from N line of Sec. 20

YOU ARE HEREBY AUTHORIZED TO Set Baker wire line bridge plug with cmt. at 9850, perforate for production test from 9594-9602'.

TD 11864'

PERMIT REQUESTED BY Gene Spencer
Company Representative

AUTHORIZED BY
ARSENE P. EDWARDS
LAKE CHARLES District Office

Form DM-4R
20M 11-50

Perforate
L.C. # 9

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

WORK PERMIT

PERMIT TO Perforate DATE 12/29/51

PARISH Jeff Davis FIELD Hayes

COMPANY H. L. Hawkins

ADDRESS 202 Whitney Bldg., New Orleans, La.

WELL NAME Hayes Unit No. 1 SEC 20 T. 11S R. 5W

WELL PERMIT SERIAL No. ~~28678~~ 44135 120' from N/L of 4135. 20 WORK PERMIT No.

LOCATION 1980' from N/2

YOU ARE HEREBY AUTHORIZED TO Perforate for production from 9582-9600' w/48 holes.

TD 11964

PERMIT REQUESTED BY Gene Spencer
Company Representative

AUTHORIZED BY ARSENE P. EDWARDS
Lake Charles, La.
District Office

Form DM-4R
20M 11-50

e1

Law Offices
CAMP, PALMER, CARWILE, BABIN & BARSH

JOHN C. CAMP
PAUL E. PALMER
CHARLES W. CARWILE
JAMES L. BABIN
HARRY E. BARSH, JR.

HEMLOCK 3-0357

416 PIONEER BUILDING POST OFFICE BOX LL
LAKE CHARLES, LOUISIANA

June 13, 1963

Louisiana Department of Conservation
Lake Charles District
716 Hodges Street
Lake Charles, Louisiana

Gentlemen:

We are enclosing in duplicate applications on behalf of Coastal States Gas Producing Company for change of operator and change of well name for the Hayes Unit No. 1, Well No. 1, and Hayes Unit No. 2, Well No. 1, Hayes Field, Jefferson Davis Parish.

We are enclosing two checks for $25.00, one for each application. The date shown on the application is June 1, 1963, and it is requested that the change of operator and well name be made effective as of that date, rather than the actual date of submission to you of these applications.

Yours very truly,

John A. Bivins

JOHN A. BIVINS

JAB/mam

Enclosures

RECEIVED
JUN 13 1963
DEPARTMENT OF MINERALS
LAKE CHARLES

State of Louisiana

DEPARTMENT OF CONSERVATION

Inter Office

Date: June 19, 1963

To: Baton Rouge Office

From: Lake Charles District

Att'n: Fritz Spencer

Enclosed herewith please find application from Coastal States Gas Prod. Co.

for permit to amend name and ~~their~~ operator on their

Coastal Hawkins-Hayes Unit 1 Well No. 1 Zone: ,

Hayes Field, Jefferson Davis Parish .

Also enclosed please find:

Check No. 2354 in the amount of $ 25.00

Well Location Plat

Well Location Certification

Form A. D. C.

Electric Log

Schematic Diagram

Applicable Department of Conservation Order No. Pending Hearing Docket No.

Remarks & Recomendations:

Recommend approval. Routine well name and operator name change.

Form: H. L. Hawkins
Hayes Unit #1 Well

Yours very truly,

By:

District Manager
W. C. WILHITE

cc: Geological Survey

WCW:bjm

LT-1

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Perforate
L.C.#35

WORK PERMIT

PERMIT TO Perforate DATE 1-30-69
PARISH Jeff Davis FIELD Hayes
COMPANY H. L. Hawkins
ADDRESS 1228 Whitney Bldg., New Orleans, La.
WELL NAME Hayes Unt. #1 No. 1 SEC. 20 T 11S R 5W
WELL PERMIT SERIAL No. 44135 WORK PERMIT No.
LOCATION 1980' fr. W/L 120' fr. N/L of Sec. 20

YOU ARE HEREBY AUTHORIZED TO Perforate 7003-11' for prod.

TD 11864'

PERMIT REQUESTED BY H.C. NEEDHAM
Company Representative

AUTHORIZED BY
ARSENE P. EDWARDS- Lake Charles, La.
District Office

Form DM-4R

Work Permit

STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

Well Name No. Hawkins Hayes Unit #1 Well # 1 Sec. 20 T 11-S R 5-W

Field Hayes Parish Jeff Davis

Permit Serial No. ~~100844 → 28695~~ 44135 Work Permit No. 348-71

Description of Work Well has been T&A'd since 2-3-60. Cmt plugs are set from 9600 to 8565 & 6980 to 7000'. Csg is filled to top w/ 11.2# mud. We propose to set surface plug from 0 - 50' and cap well.

PLUG & ABANDON.

Sand & Reservoir To Be Tested

Operator Coastal States Gas Producing Company

Address P. O. Box 52088

City, State & Zip Lafayette, La. 70501

Permit Requested By S M Cogbill Date 3-18-71

Permit Authorized By N G Wallace District L C Date 3/25/71

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

PLUG AND ABANDON REPORT

DATE WORK DONE 3-29-71

WELL SERIAL NO. ~~100844~~ 44135 ~~28675~~
WORK PERMIT NO. 348-71

Lake Charles DISTRICT
(Three Copies to be Filed with the District Office)

NOTE: This Report Will be Returned if Not Properly Completed And Signed.

Field Hayes Parish Jeff Davis Sec. 20 Twp. 11-S Rge. 5-W

Company Coastal States Gas Producing Company Lease Hawkins Hayes Unit # 1 Well No. 1

Total Depth 11,863 Condition of Well Plugged & Abandoned

1. Surface Casing Size _____ Depth _____ Amount Pulled _____
2. Protection Casing Size _____ Depth _____ Amount Pulled _____
3. Production Casing Size _____ Depth _____ Amount Pulled _____

CEMENT PLUGS

1. Depth 9600 To 8565 No. of Sacks _____ How Placed _____
2. Depth 6980 To 7000 No. of Sacks _____ How Placed _____
3. Depth 0 To 50 No. of Sacks 50 How Placed Pumped

Mud Record: Weight 11.2 Viscosity 52

Remarks: Well has been T&A'd since 2-3-60 w/ cmt plugs set from 9600 to 8565' & 6980 to 7000'. We set surface plug from 0 - 50' & capped well. PLUGGED & ABANDONED.

This work was done according to the Rules and Regulations of the Department of Conservation.

WITNESS

Coastal States Gas Producing Company
COMPANY

(Signed) [signature] REPRESENTATIVE

APR 1 1971
LAKE CHARLES

Form - P & A

Plug & Squeeze
L.C. # 1

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

WORK PERMIT

PERMIT TO Plug & Squeeze DATE 12/28/62

PARISH Jeff Davis FIELD Hayes

COMPANY H. L. Hawkins

ADDRESS 202 Whitney Bldg., New Orleans, La.

WELL NAME Hayes Unit No. 1 SEC. 20 T. 11S R. 5W

WELL PERMIT SERIAL No. ~~28675~~ 44135 WORK PERMIT No. 44135

LOCATION 1980' from W/L 120' from N/L of Sec. 20

YOU ARE HEREBY AUTHORIZED TO Set wire line plug at 9325' an squeeze cmt. by top of liner

TD 11864'

PERMIT REQUESTED BY H. L. Hawkins
Company Representative

AUTHORIZED BY ARSENE P. EDWARDS
LAKE CHARLES, LA.
District Office

Form DM-4R
20M 11-50

DEPARTMENT OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO.: 103174

PRODUCING INTERVAL: 9156-9160

RESERVOIR (COMPANY SAND IDENTIFICATION): Disc 2C

Three typewritten copies of this report must be filed with the District Office of the Department of Conservation in which the well is located within twenty (20) days of the date of completion: NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

DESIGNATE TYPE OF COMPLETION: NEW WELL [ ] RECOMPLETION [X] SAME RESERVOIR [ ] DIFFERENT RESERVOIR [X] OIL [ ] GAS [XX] P&A [ ]

OPERATOR: Gulf Oil Corporation	ADDRESS: P. O. Box 51327 - Lafayette, LA 70501
LEASE NAME: VUA; Hayes U1	WELL NO.: 6
PARISH: Jefferson Davis	SEC. 19 TWP. 11S RGE. 5W
DATE PERMIT ISSUED: --	
DATE SPUDDED: --	DATE READY TO PRODUCE*: --
TOTAL DEPTH: 10450	PBTD.: 9191
GROUND ELEVATION: N.A.	CASING HEAD FLANGE ELEVATION: N.A.
DISTANCE FROM RKB TO CHF: 16.2	
DATE WELL TURNED INTO TANKS: --	SINGLE, DUAL OR TRIPLE COMPLETION?: Single
NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION	
WAS WELL DIRECTIONALLY DRILLED?: --	WAS DIRECTIONAL SURVEY MADE?: --
WERE 3 COPIES FILED WITH THE DEPARTMENT OF CONSERVATION?: --	DATE FILED: --
TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH DEPT. OF CONSERVATION): --	DATE FILED: --

CASING, LINER AND TUBING RECORD

CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED	NAME OF TEST WITNESS-STATE IF DEPT. AGENT OR OFFSET OPERATOR
		(Same as drill)						

TUBING SIZE: 2 3/8 DEPTH OF TUBING: 9055 DEPTH OF PACKER(S): 9055

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	CHOKE SIZE	WELL STATUS
7 BOPD	880 MCF/DAY	16/64	Flowing

TUBING PRESSURE	CASING PRESSURE	GOR	BS & W	BHP - (SHUT-IN)
1750 psig	1000 psig	125714	Trace	2482 (calc.) psi

GRAVITY	CONSERVATION AGENT MAKING GAUGE	COMPANY REPRESENTATIVE	DATE GAUGED
56.1 °API@60°F	--	G. H. Balthrop	5-22-75

PLUG AND ABANDON (P&A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF DEPT. AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state: That I am employed by Gulf Oil Corp. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Form WH Signature: [signature] Title: Area Prod. Manager

* Date well is equipped to produce, but due to no available market, no pipe line connection, etc.; the well has been shut-in.

WORK RESUME

List below all work performed under Department of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
496-75	5-16-75	Western	Set cast iron bridge plug at 9200', dump 9' cement on top
496-75	5-19-75	Western	Perforate 9156-9160'

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt tops and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

P

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO.: 103174

PRODUCING INTERVAL: —

RESERVOIR (COMPANY SAND IDENTIFICATION): Plug and Abandon

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES: [ ] NEW WELL [ ] RECOMPLETION [X] P & A

[ ] 31 INACTIVE DRY HOLE FUT. UTIL. [ ] 32 INACTIVE DRY HOLE NO FUT. UTIL. [ ] 36 INACTIVE WAITING ON PIPELINE [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT: [ ] OIL [ ] GAS [X] OTHER

IF RECOMPLETION: [ ] SAME RESERVOIR [ ] DIFFERENT RESERVOIR

DATE COMP., RECOMP., OR P & A (M D Y): 5/12/80

OPERATOR: Gulf Oil Corporation — CODE: 2264 — ADDRESS: P. O. Box 51327, Lafayette, LA 70505

WELL NAME: VUA; Hayes U1 — WELL NO.: 6

PARISH: Jefferson Davis — SEC. 19 TWP. 11S RGE. 5W — DATE PERMIT ISSUED: 3/18/80

DATE SPUDDED (M D Y): 7/2/64 — DATE READY TO PRODUCE*: — — TOTAL DEPTH: 10,450 — PBTD.:

GROUND ELEVATION: 9.47 — CASING HEAD FLANGE ELEVATION: 9.47 — DISTANCE FROM RKB TO CHF: 16.2

DATE WELL TURNED INTO TANKS: — — SINGLE, DUAL OR TRIPLE COMPLETION?: Single — NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?: — — WAS DIRECTIONAL SURVEY MADE?: — — WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?: — — DATE FILED: — —

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION): — — — DATE FILED: — —

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101										
102										
103										
104										
105										

TUBING SIZE: — DEPTH OF TUBING: — DEPTH OF PACKER(S): 9055'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: — BOPD — GAS VOLUME: — MCF/DAY — GOR: — CF/BBL — CHOKE SIZE: — /64" — PRODUCING METHOD: —

FLOWING TUBING PRESSURE: — psig — SHUT-IN TUBING PRESSURE: — psig — CASING PRESSURE: — — WATER PRODUCTION: — BPD — BS&W: — %

GRAVITY: — °API@60° F — BHP (SHUT-IN): — psig — COMPANY REPRESENTATIVE: — — DATE GAUGED: —

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENT OR OFFSET OPERATOR Seaboard Well Svc.
10-3/4	0	Sqz. perf	9152-60	30	Pump	5/12/80	LeeRoy Belaire
7"	3066'	7700	7500	40	Pump	5/12/80	LeeRoy Belaire
		3166	2960	80	Pump	5/12/80	LeeRoy Belaire
		35	5	15	Pump	5/12/80	LeeRoy Belaire

CERTIFICATE: I, the undersigned, state: That I am employed by Gulf Oil Corp. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: E. H. Sheffield — Title: Area Engineer

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc.; the well has been shut-in.

* State Inspector unable to be present

FORM WH-1 (1-75)

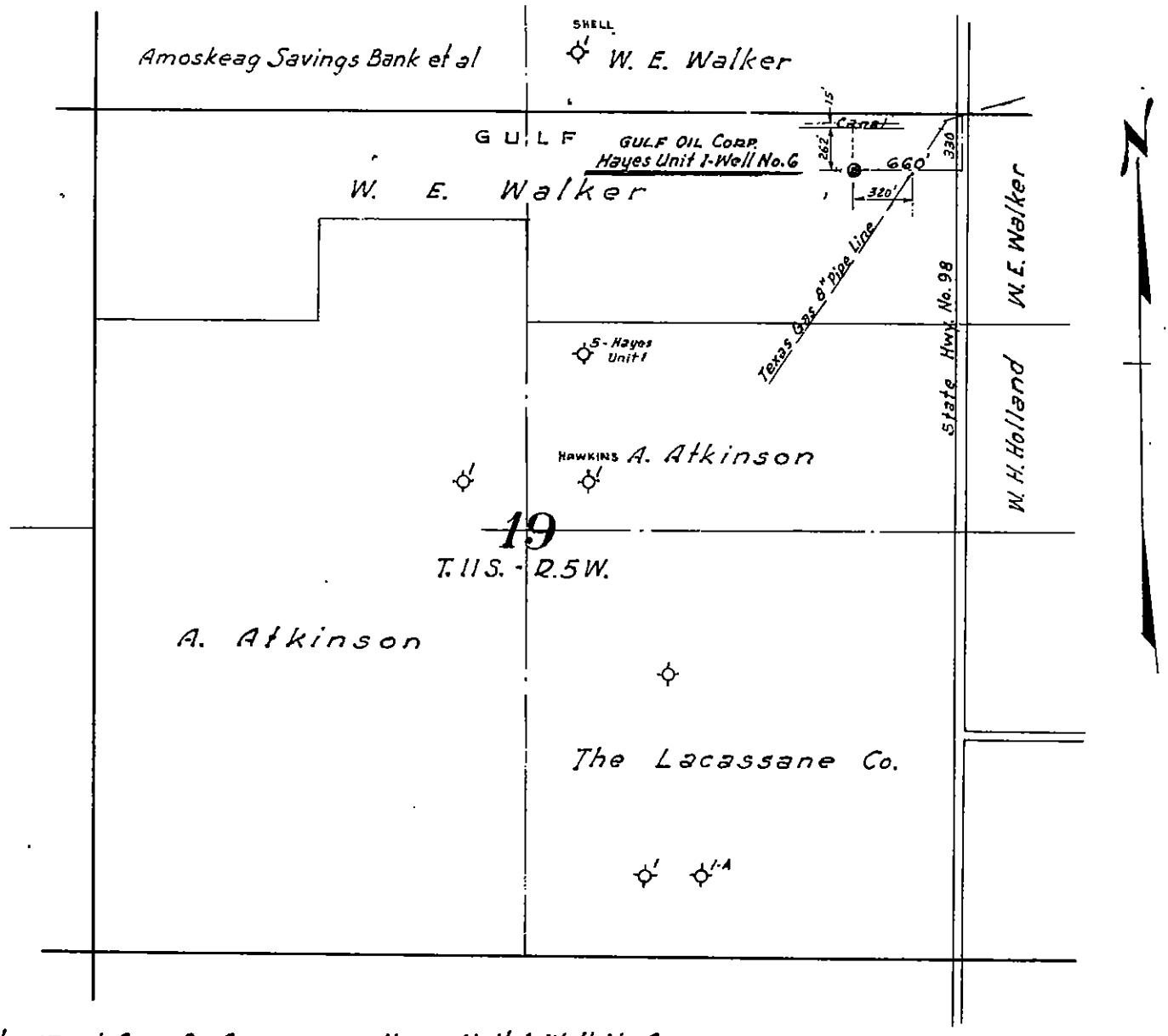
WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
282-80	5/12/80	Seaboard	Plug and Abandon

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH



WELL LOCATION:- GULF OIL CORPORATION - Hayes Unit 1-Well No. 6

Beginning at the Northeast corner of section 19, T. 11 S.-R. 5 W, thence South 330 ft. along East line of section, thence West 660 ft. to location. Ground Elev. 6.6

We hereby certify that we staked the above well location as shown, June 2, 1964. F. Shutts' Sons - Civil Engineers

Fred N. Shutts

FRED N. SHUTTS C.E.- La. Reg. No. 79

STATE OF LOUISIANA
FRED N. SHUTTS
No. 79
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

RECEIVED
JUN 1964
DIST.
LAKE

GULF OIL CORPORATION

WELL LOCATION-HAYES UNIT 1 - WELL No. 6

IN SECTION 19, T. 11 S. - R. 5 W.

JEFFERSON DAVIS PARISH LOUISIANA

Scale:- 1" = 1000' June 3, 1964.

F. SHUTTS' SONS - CIVIL ENGINEERS - LAKE CHARLES, LA.

Gulf Oil Corporation

LAFAYETTE PRODUCTION AREA

P. O. Box 1327
Oil Center Station
Lafayette, Louisiana

June 5, 1964

Department of Conservation (2)
Minerals Division
P.O. Box 1767
Lake Charles, Louisiana

Re: Hayes Unit 1
Well No. 6
Hayes Field
Jefferson Davis Parish

Gentlemen:

Attached is J.H. Shuman "Special Account" Check No. 858 dated June 5, 1964 in the amount of $100.00 to cover fee for permit to drill the subject well.

Also attached are Department of Conservation Form MD-10-R, in duplicate, and certified location plats, in triplicate, showing the location of this well.

The location complies with Department of Conservation Statewide Orders No. 29B and 29E.

Please mail permit, Form MD-13-R, to the undersigned, P.O. Box 1327 OCS, Lafayette, Louisiana. 70505.

Yours very truly,

R F Bronte

R.F. Bronte - Area Engineer

wrm/
attachments

JUN 1964

State of Louisiana

DEPARTMENT OF CONSERVATION

Inter Office

Date: 6/9/64

To: Baton Rouge Office

From: Lake Charles District

Att'n: Fritz Spencer

Enclosed herewith please find application from Gulf Oil Corporation

for permit to drill their

Hayes Unit 1 Well No. 6 Zone: Oligocene,

Hayes Field, Jefferson Davis Parish.

Also enclosed please find:

Check No. 858 in the amount of $ 100.00

Well Location Plat xxx

Well Location Certification xxx

Form A. D. C.

Electric Log

Schematic Diagram

Applicable Department of Conservation Order No. 29-B & [illegible] Pending Hearing Docket No.

Remarks & Recomendations:

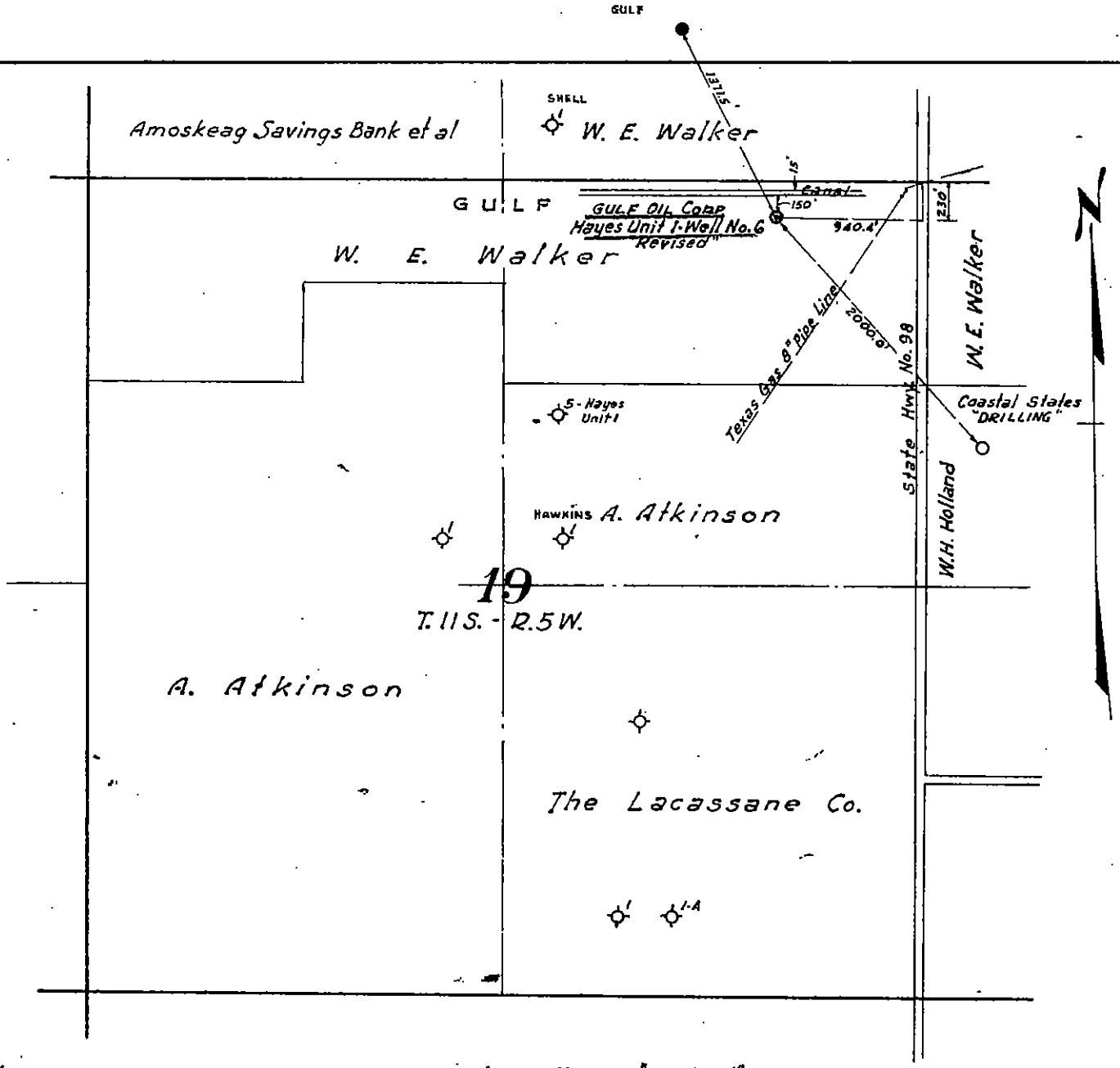
Recommend approval. Permit of Hayes Unit 1 Well No. 6, Serial No. 97351 expired; well was not drilled.

Yours very truly,

By: _____
District Manager
W. C. WILHITE

cc: Geological Survey

[illegible]:jt



WELL LOCATION:- GULF OIL CORPORATION - Hayes Unit 1-Well No. 6 "Revised"
Beginning at the Northeast corner of section 19, T. 11 S.-R. 5 W, thence South 230 ft. along East line of section, thence West 940.4 ft. to the location. Ground Elev. 6.6

We hereby certify that we staked the above well location as shown, June 16, 1964. F. Shutts' Sons - Civil Engineers

Fred N Shutts
FRED N. SHUTTS C.E.- La. Reg. No. 79

STATE OF LOUISIANA
FRED N. SHUTTS
No. 79
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Plotted
Wlee

RECEIVED
JUN 18 1964

GULF OIL CORPORATION
WELL LOCATION-HAYES UNIT 1 - WELL No. 6
IN SECTION 19, T. 11 S. - R. 5 W.
JEFFERSON DAVIS PARISH LOUISIANA
Scale:- 1" = 1000'
June 3, 1964
Revised June 16, 1964
F. SHUTTS' SONS - CIVIL ENGINEERS - LAKE CHARLES, LA.

103174

Gulf Oil Corporation

LAFAYETTE PRODUCTION AREA

June 17, 1964

P. O. Box 1327
Oil Center Station
Lafayette, Louisiana

Mr. W.C. Wilhite,
Department of Conservation
P.O. Box 1767
Lake Charles, Louisiana

Re: Hayes Unit 1, Well #6
Serial No. 103174
Hayes Field
Jefferson Davis Parish

Dear Sir:

Attached hereto is J.H. Shuman "Special" Check No. 874 dated June 17, 1964 in the amount of $25.00 to cover fee for Amended Permit to change location of the subject well.

Also attached are Amended Application, MD-10-R-A, in duplicate and corrected certified location plats, in triplicate.

Please mail Amended Permit to the undersigned, P.O.Box 1327 OCS, Lafayette, Louisiana. 70505

Yours truly,

H.C.Morgan - Area Manager

wrm/

RECEIVED
JUN 1 6 1964
DEPARTMENT OF CONSERVATION
LAKE CHARLES

GULF

State of Louisiana

DEPARTMENT OF CONSERVATION

Inter Office

Date: 6/18/64

To: Baton Rouge Office

From: Lake Charles District

Att'n: Fritz Spencer

Enclosed herewith please find application from Gulf Oil Corporation for permit to amd. loc. on their Hayes Unit 1 Well No. 6 Zone: , Hayes Field, Jefferson Davis Parish.

Also enclosed please find:

Check No. 874 in the amount of $ 25.00

Well Location Plat xxx

Well Location Certification xxx

Form A. D. C.

Electric Log

Schematic Diagram

Applicable Department of Conservation Order No. 29-B & E Pending Hearing Docket No.

Remarks & Recomendations:

Recommend conditional approval specifying compliance with the provisions of Ord. 29-E. As shown on the revised location plat, the revised location is less than 2000' from the nearest well.

Yours very truly,

By: District Manager
W. C. WILHITE

cc: Geological Survey

LT-1 WCW:jt

State of Louisiana

J. M. MENEFEE
COMMISSIONER

DEPARTMENT OF CONSERVATION
P. O. BOX 4275
BATON ROUGE 4

June 24, 1964

RE: Well No. 6, Gulf Oil Corporation Hayes Unit 1, Hayes Field, Serial No. 103174

Gulf Oil Corporation
Box 1327 OCS
Lafayette, La. 70505

Gentlemen:

Your application for permit to amend location on the above reference well is hereby approved. However, this permit is being issued in accordance with Statewide Order No. 29-E only under the condition of exception as listed below. It should be understood that if this condition is not met no allowable will be granted said well since it is only under this condition that the well will be in accordance with Order No. 29-E.

Condition of Exception

This application for permit to amend location is being issued with the understanding that the reference well cannot be completed in any pool in which the location does not conform with the provisions of Statewide Order No. 29-E.

Yours very truly,

J. M. MENEFEE, Commissioner
Department of Conservation

By J. W. Hecker
Asst. Chief Engineer

cc
cc: Mr. W. C. Wilhite, District Manager
Lake Charles, La.

RECEIVED
JUN 30 1964
LAKE CHARLES

Wlew

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

AFFIDAVIT OF TEST OF CASING IN WELL

DATE WORK DONE 7/4/64

WELL SERIAL NO. 103174
WORK PERMIT NO. 28046

LAKE CHARLES DISTRICT
(One copy to be filed with the District Office)

NOTE: This Report Will Be Returned If Not Properly Completed And Signed.

Field Hayes Parish Jefferson Davis Sec. 19 Twp. 11S Rge. 5W

Company Gulf Oil Corporation Lease Hayes Unit 1 Well No. 6

Size of casing 10-3/4 Weight 40.50# Make J&L

No. of threads per in. 8 Grade J-55 Seamless Yes New [X] 2nd [ ]

If second hand, was pipe tested _____ Describe _____

Depth casing shoe landed below derrick floor 3055 Ft. ____ Sacks of cement 1000 sx.

Size of hole 15 Ins. ____ Amount of cement left in pipe 2'

Method of cementing HOWCO. Cement set in 24 hrs., under 0 psig.

Total depth 3070. Total time set 24 hrs.

DETAIL OF PRESSURE TEST BEFORE DRILLING PLUG

Date of test 7/4/64. Gauge pressure of casing 1900 psig.

Pressure at end of 30 minutes 1900 Pressure drop 0 psig.

Test fluid: Water [ ] Mud [X] Weight 9.3 Viscosity 34

Remarks: _____

This work was done according to the Rules and Regulations of the Department of Conservation.

D. M. Jefferson
WITNESS

GULF OIL CORPORATION
COMPANY

RECEIVED
JUL 8 1964
DEPARTMENT OF MINERALS
LAKE CHARLES

(Signed) W. U. Patterson
REPRESENTATIVE

Form - Csg. T

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

AFFIDAVIT OF TEST OF CASING IN WELL

DATE WORK DONE 7-18-64

WELL SERIAL NO. 103174
WORK PERMIT NO. 28046

Lake Charles DISTRICT
(One copy to be filed with the District Office)

NOTE: This Report Will Be Returned If Not Properly Completed And Signed.

Field Hayes Parish Jefferson Davis Sec. 19 Twp. 11S Rge. 5W

Company Gulf Oil Corporation Lease Hayes Unit 1 Well No. 6

Size of casing 7" Weight 29# Make J & L

No. of threads per in. Buttress Grade N-80 Seamless ✓ New [X] 2nd [ ]

If second hand, was pipe tested _____ Describe _____

Depth casing shoe landed below derrick floor 9998 Ft. ____ Sacks of cement 1000

Size of hole 9 7/8 Ins. ____ Amount of cement left in pipe 44'

Method of cementing Halliburton. Cement set in 26 hrs., under 0 psig.

Total depth 10,000. Total time set 26 hrs.

DETAIL OF PRESSURE TEST BEFORE DRILLING PLUG

Date of test 7-19-64. Gauge pressure of casing 2000 psig.

Pressure at end of 30 minutes 2000 Pressure drop 0 psig.

Test fluid: Water [ ] Mud [✓] Weight 16.5 Viscosity 56

Remarks: _____

This work was done according to the Rules and Regulations of the Department of Conservation.

Gulf Oil Corporation
WITNESS COMPANY

RECEIVED
OCT 27 1964
DEPARTMENT OF MINERALS
LAKE CHARLES

(Signed) [signature]
REPRESENTATIVE

Form - Csg. T

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Perf.
L. C. #267

WORK PERMIT

PERMIT TO Perforate DATE 7/28/64
PARISH Jeff Davis FIELD Hayes
COMPANY Gulf Oil Corp.
ADDRESS Box 1327, OCS, Lafayette, La.
WELL NAME Hayes Unit #1 No. 6 SEC. 19 T. 11S R. 5W
WELL PERMIT SERIAL No. 103174 WORK PERMIT No.
LOCATION

YOU ARE HEREBY AUTHORIZED TO Perforate 10327' to 10348' and 9532' to 9542' w/4 shots per foot.

TD 10,450'

PERMIT REQUESTED BY R. F. BRONTE
Company Representative

AUTHORIZED BY W. C. WILHITE District Manager Lake Charles
District Office

Form DM-4R

Rec Aug 3

August 5, 1964

Mr. Leo Hough, State Geologist
Geological Survey
Box 8847, University Station
Baton Rouge, La.

Dear Sir:

Find enclosed copy replacing previous log mailed July 31, 1964, with in-correct heading "Induction Electrical Log".

Gulf Oil Co.
Hayes Unit No. 1, Well No. 6
Hayes Field

Serial No. 103174
Jeff. Davis Parish.

Very truly yours,

WILLIAM C. WILHITE
District Manager
Lake Charles, La.

/hjs

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

On Scout 10/1 (W)

WELL COMPLETION OR RECOMPLETION REPORT

Lake Charles DISTRICT Re: Well Serial No.: 103174

Completed	[x]	Flowing	[x]	Operator: Gulf Oil Corporation
Recompleted	[ ]	Gas-Lifting	[ ]	Well Name: Hayes Unit 1
Oil	[ ]	Pumping	[ ]	Well No.: 6, Sec. 19, Twp. 11S, Rge. 5W
Gas	[x]	Shut-In	[ ]	Field Hayes
				Parish Jefferson Davis

Date Completed or Recompleted 8-12-64 at 5:00 ~~(xxxxxx)~~ (p.m.)

COMPLETION DATA

Initial Production 170 BOPD ____ Gas Volume 8281 MCF/Day

Tubing Pressure 4640 psig ____ Casing Pressure Packer psig

Choke Size 15/64" Positive ____ Adjustable x B.S.&W. 0 %

Gas/Oil Ratio 48712 CF/Bbl. ____ Gravity 48.9 at 60° A. P. I.

Producing Depth: From 10327 Ft. to 10348 Ft. T. D. 10450 Ft.

Name of Producing Sand: Marginulina-howeii

*New Pool *Old Pool List Reason(s) for Pool Classification ____

Previously penetrated - Productive

*As Defined in Statewide Order No. 29-H.

Additional clearance is requested for ____ barrels of oil produced on drill stem or other production tests (See Section X, Paragraph B of Order No. 29-B on reverse side).

Three (3) copies to be filed with the District Office within three (3) days of date of completion or recompletion (as per Order 29-B, Section X, Paragraph A, Article 1).

I hereby certify that the above information is true and correct to the best of my knowledge.

DISTRICT MANAGER ONLY

29-E Compliance - Yes ____ No ____
29-E Unit Attached - Yes ____ No ____
DATE: ____

GULF OIL CORPORATION
COMPANY

R. F. Bronte
COMPANY REPRESENTATIVE

Area Engineer
TITLE

RECEIVED
AUG 21 1964
DEPARTMENT OF MINERALS
LAKE CHARLES

Form - Comp.

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

> All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

TEST DATA

Date of Test	Time of Test	Amount of Oil Produced
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels

TOTAL _____ BARRELS

The above total barrels of oil were produced from _____ Ft. to _____ Ft.

Remarks: _____

_____

COMPANY

From - Comp.

(Signed) COMPANY REPRESENTATIVE

DEPARTMENT OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO.: 103174

PRODUCING INTERVAL: 10327'-10348'

RESERVOIR (COMPANY SAND IDENTIFICATION): Marginulina-Howeii

Three typewritten copies of this report must be filed with the District Office of the Department of Conservation in which the well is located within twenty (20) days of the date of completion or recompletion. NOTE: If not properly completed and signed, this report will be returned.

LEASE AND WELL DATA

DESIGNATE TYPE OF COMPLETION: NEW WELL [X] RECOMPLETION [ ] SAME RESERVOIR [ ] DIFFERENT RESERVOIR [ ] OIL [ ] GAS [X] P&A [ ]

OPERATOR: Gulf Oil Corporation	ADDRESS: Box 1327 OCS, Lafayette, Louisiana
LEASE NAME: Hayes Unit 1	WELL NO.: 6
PARISH: Jefferson Davis	SEC. 19 TWP. 11S RGE. 5W
DATE PERMIT ISSUED: 6-22-64	
DATE SPUDDED: 7-2-64	TOTAL DEPTH: 10450'
PBTD: 10406'	
GROUND ELEVATION:	CASING HEAD FLANGE ELEVATION:
DISTANCE FROM RKB TO CHF:	
DATE WELL TURNED INTO TANKS: Waiting on Sales Line	SINGLE, DUAL OR TRIPLE COMPLETION?: Dual
NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION	
WAS WELL DIRECTIONALLY DRILLED?: No	WAS DIRECTIONAL SURVEY MADE?: No
WERE 3 COPIES FILED WITH THE DEPARTMENT OF CONSERVATION?:	DATE FILED:
TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH DEPT. OF CONSERVATION): Schlumberger Sonic	DATE FILED: 8-18-64

CASING, LINER AND TUBING RECORD

CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET	SACKS CEMENT	TEST PRESSURE	HRS. UNDER PRESSURE	DATE TESTED	NAME OF TEST WITNESS - STATE IF DEPT. AGENT OR OFFSET OPR.
16" Drive Pipe			69'					
10-3/4"	15"	40.5	3055	1000	1900	1/2	7-4-64	W.A.Blasengame
7"	9-7/8"	29.0	9997	1000	2000	1/2	7-20-64	W.A.Blasengame
5")	6"	18.0	10450' to	150				
Liner)			9751'					

TUBING SIZE: 2-3/8" DEPTH OF TUBING: 10199.87 DEPTH OF PACKER (S): 10192' (Top of Packer)

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	CHOKE SIZE	WELL STATUS
170 BOPD	8281 MCF/DAY	15/64	Flowing

TUBING PRESSURE	CASING PRESSURE	GOR	BS & W	BHP - (SHUT-IN)
4640 psig	Packer psig	48712	0 %	6189 psi

GRAVITY	CONSERVATION AGENT MAKING GAUGE	COMPANY REPRESENTATIVE	DATE GAUGED
48.9 °API@60°F	- -	J.H. Graham	8-12-64

PLUG AND ABANDON (P&A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS - STATE IF DEPT. AGENT OR OFFSET OPR.

CERTIFICATE: I, the undersigned, state: That I am employed by Gulf Oil Corp. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: R.L. Brooks Title: Area Engineer

Form: WH

RECEIVED
OCT 23 1964
DEPARTMENT OF MINERALS
LAKE CHARLES

WORK RESUME

List below all work performed under Department of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
LC #267	7-27-64	McCullough	Perforate 10327' to 10348'

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt tops and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

POTENTIAL REPORT

Type Well: Oil _____ Gas ✓ Distillate _____

Type Test: Comp. ✓ Recomp. _____ Retest _____ Regauge _____

Parish Jefferson Davis Field Hayes

Company Gulf Oil Corp Serial No. 103174

Well Name & No. Hayes Unit 1 - Well No 6

Location: Sec. 19 Twp. 11S Rge. SW Flowing ✓ Pump _____

Prod. Horizon MARG Perf. Int. 10327 to 10348

~~Casing~~ Liner Setting: Size 5" - 18# @ 10,450

Tubing Setting: Size 2 3/8" @ 10,200 T.D. 10,450

~~Date Completed~~ IN TANKS 10-30-64 Date Gauged 11-5-64

Acidize with _____ gals. Elev. of Derr. Floor 15

— TEST DATE —

T. P. 4380 C. P. PKR Choke Size Adjustable /64th

Closing TK Gge. 50.0 ft. OIL METER in. @ 2:00 P Time

Opening TK Gge. zero meter ft. _____ in. @ 10:00 A Time

Diff. 50 bbls ft. Net Oil in. 4 Hours (Time)

Tank No. Metering Sep Tank Coef. _____

Bbls. per 4 Hrs. 50 Est. Bbls. per Day 300 Net

Daily Gas Vol. 10,500 M.C.F. G/O Ratio 35,000/1

B.S.&W. 12.8 Fresh Wtr % Corrected Gravity 48.9 Deg. A.P.I.

Witnessed J. G. Funderburk Title Prod. Foreman

Gauged by Roland L Romero Title _____
Department of Conservation

District Office Lake Charles, La

Remarks: 4 X 2 3/4" plate 850# - 43" diff

25-75

Form S D M-2

20M 2-62 T.J.M.

Work Permit

STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

Well Name & No. Hayes Unit 1 Well No. 6 Sec. 19 T 11S R 5W

Field Hayes Parish Jefferson Davis

Permit Serial No. 103174 Work Permit No. 478-72

Description of Work Cement squeeze perforations 10,327-42'.
Perforate 10,290-302' and 10,308-11'.

Sand & Reservoir To Be Tested Marg Howe TD 10,450'

Operator Gulf Oil Corporation

Address P. O. Box 51327

City, State & Zip Lafayette, La. 70501

Permit Requested By Original Signed By R. F. Bronte Date 5-12-72

R.F.Bronte

Permit Authorized By [signature] District L. C. Date 5/15/72

See Instructions On Reverse Side

Form DM-4R Rev.

INSTRUCTIONS

A single application will suffice for one, or combinations of, the below operations provided that if more than one operation is requested on one form, such work must be performed consecutively.

If additional applications for Work Permits are necessary on any one well, each should be numbered 1, 2, etc. in the order requested. An original and one copy of this form will suffice for all work with exception of plug and abandon, for which an original and three copies are required.

1. Abandon (Plug & Abandon)
2. Deepen
3. Perforate
4. Squeeze
5. Plugback
6. Sidetrack
7. Pull Casing
8. Change Zone of Selective Completion
9. Drill Salt Water Disposal Well
10. Convert to Salt Water Disposal Well
11. Drill Product Storage Well

DEPT. CONSERVATION
MAY 15 1972
LAKE CHARLES

NOTICE: To perform any of the above, as well as any other possible operations in Louisiana, without first obtaining a Permit is an infraction of the law and subject to prosecution.

POTENTIAL REPORT

Type Well: Oil _____ Gas ✓ Distillate ✓

Type Test: Comp. _____ Recomp. ✓ Retest _____ Regauge _____

Parish Jeff Davis Field Hayes

Company Gulf Oil Co. of U.S. Serial No. 103174

Well Name & No. Hayes Unit #1 Well #6

Location: Sec. 19 Twp. 11S Rge 5W Flowing X Pump _____

Prod. Horizon Mary Howie Perf. Int. 10290 - 10302 10308 to 10311

Casing Setting: Size 7" + 5" liner @ 10448

Tubing Setting: Size 2 3/8 @ 10198 T.D. 10450

Date ~~Completed~~ online 5-15-72 Date Gauged 5-16-72

Acidize with _____ gals. Elev. of Derr. Floor 1020

—— TEST DATE ——

T. P. 2500 C. P. Pack Choke Size 10 /64th

Closing ~~TK Gge.~~ Meter 00016 ft. _____ in. @ 7 AM Time

Opening ~~TK Gge.~~ Meter 00000 ft. _____ in. @ 7 PM Time

Diff. _____ ft. 16 in. 12 Hours (Time)

Tank No. Meter Tank Coef. 1.00

Bbls. per 12 Hrs. 16 Est. Bbls. per Day 32 Net

Daily Gas Vol. 2,500 M.C.F. G/O Ratio 7812.5/1

B.S.&W. .1 % Corrected Gravity 59.3 Deg. A.P.I.

Witnessed [illegible] Title _____

Gauged by [illegible] Title Oil & Gas Ins.
Department of Conservation

District Office Lake Charles

Remarks: 24" x 660# x 1 3/4 x 4

05-75

Form S D M-2

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

WELL COMPLETION OR RECOMPLETION REPORT

Lake Charles DISTRICT Re: Well Serial No.: 103174

Completed [ ] Flowing [X] Operator: Gulf Oil Corporation
Recompleted [X] Gas-Lifting [ ] Well Name: Hayes Unit 1
Oil [ ] Pumping [ ] Well No.: 6, Sec. 19, Twp. 11S, Rge. 5W
Gas [X] Shut-In [ ] Field Hayes
Parish Jefferson Davis

Date Completed or Recompleted 5-15-72 at 7:00 (~~a.m.~~) (p.m.)

COMPLETION DATA

Initial Production 32 BOPD ____ Gas Volume 2500 MCF/Day

Tubing Pressure 2500 psig ____ Casing Pressure 0 psig

Choke Size 10/64 Positive ____ Adjustable ____ B.S.&W. Trace %

Gas/Oil Ratio 78125 CF/Bbl. ____ Gravity 59.3 at 60° A. P. I.

Producing Depth: From 10290 10308 Ft. to 10302 10311 Ft. T. D. 10450 Ft.

Name of Producing Sand: Marg Howei

~~New Pool~~ *Old Pool List Reason(s) for Pool Classification ____

*As Defined in Statewide Order No. 29-H.

Additional clearance is requested for - barrels of oil produced on drill stem or other production tests (See Section X, Paragraph B of Order No. 29-B on reverse side).

Three (3) copies to be filed with the District Office within three (3) days of date of completion or recompletion (as per Order 29-B, Section X, Paragraph A, Article 1).

I hereby certify that the above information is true and correct to the best of my knowledge.

DISTRICT MANAGER ONLY

29-E Compliance - Yes ____ No ____
29-E Unit Attached - Yes ____ No ____
DATE: ____

Gulf Oil Corporation
COMPANY
Original Signed By
R. F. Bronte
COMPANY REPRESENTATIVE
Area Engineer
TITLE

DEPT. CONSERVATION
JUN 1 9 1972
LAKE CHARLES

Form - Comp.

No change in Reserves

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

> All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

TEST DATA

Date of Test	Time of Test	Amount of Oil Produced
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels

TOTAL _____ BARRELS

The above total barrels of oil were produced from _____ Ft. to _____ Ft.

Remarks: _____

_____

COMPANY

From - Comp.

(Signed) COMPANY REPRESENTATIVE

R

Well

DEPARTMENT OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO.: 103174

PRODUCING INTERVAL: 10290-302 & 10308-11

RESERVOIR (COMPANY SAND IDENTIFICATION): Marg Howel

Three typewritten copies of this report must be filed with the District Office of the Department of Conservation in which the well is located within twenty (20) days of the date of completion: NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

DESIGNATE TYPE OF COMPLETION: NEW WELL [ ] RECOMPLETION [X] SAME RESERVOIR [X] DIFFERENT RESERVOIR [ ] OIL [ ] GAS [X] P&A [ ]

OPERATOR: Gulf Oil Corporation	ADDRESS: P. O. Box 51327 Lafayette, Louisiana
LEASE NAME: Hayes Unit 1	WELL NO.: 6
PARISH: Jefferson Davis	SEC. 19 TWP. 11S RGE. 5W
DATE PERMIT ISSUED: ----	
DATE SPUDDED: ----	DATE READY TO PRODUCE*: -------
TOTAL DEPTH: 10450	PBTD: 10316
GROUND ELEVATION: -------	CASING HEAD FLANGE ELEVATION: --------
DISTANCE FROM RKB TO CHF: -------	
DATE WELL TURNED INTO TANKS: --------	SINGLE, DUAL OR TRIPLE COMPLETION?: Single
NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION	
WAS WELL DIRECTIONALLY DRILLED?: --------	WAS DIRECTIONAL SURVEY MADE?: -------
WERE 3 COPIES FILED WITH THE DEPARTMENT OF CONSERVATION?: -------	DATE FILED: -------
TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH DEPT. OF CONSERVATION): ----------	DATE FILED: -------

CASING, LINER AND TUBING RECORD

CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED	NAME OF TEST WITNESS-STATE IF DEPT. AGENT OR OFFSET OPERATOR

TUBING SIZE: 2 3/8 DEPTH OF TUBING: 10193 DEPTH OF PACKER(S): 8879,10198

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: 32 BOPD	GAS VOLUME: 2,500 MCF/DAY	CHOKE SIZE: 10/64	WELL STATUS: Flowing
TUBING PRESSURE: 2500 psig	CASING PRESSURE: packer psig	GOR: 78,125	DS & W: 1/10 %
BHP - (SHUT-IN): ---- psi			
GRAVITY: 59.3 °API@60°F	CONSERVATION AGENT MAKING GAUGE: Maurice J. Schmitt	COMPANY REPRESENTATIVE: Johnice Fruge	DATE GAUGED: 5-16-72

PLUG AND ABANDON (P&A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF DEPT. AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state: That I am employed by Gulf Oil Corp. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Form WH Signature: Original Signed By R. F. Bronte Title: Area Engineer

* Date well is equipped to produce, but due to no available market, no pipe line connection, etc.; the well has been shut-in.

9/72

LAKE CHARLES

WORK RESUME

List below all work performed under Department of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
478-72	5-6-72	Dresser Atlas	Cement Squeeze perforations 10327-42
478-72	5-10-72	Dresser Atlas	Perforate 10290-302 & 10308-11

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt tops and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

FORM MD-1-C

STATE OF LOUISIANA

DEPARTMENT OF CONSERVATION

DISTRICT OFFICE COPY

NO. A-C

AMENDED PERMIT (Corrected)

Amend Well Name

AMENDED PERMIT TO DRILL FOR MINERALS (CORRECTED)

Serial No. 103174 Date February 15, 1973

Parish Jefferson Davis Field Hayes

Operator Gulf Oil Corporation

Address P.O. Box 51327

City & State Lafayette, Louisiana 70501

Well Name VU A; Hayes U 1 * No. 6

Location of Well: Sec. 19 T 11S R 5W

Location Same

*Formerly; Hayes Unit 1

DEPT. CONSERVATION

FEB 20 1973

LAKE CHARLES

Zone or Reservoir of Proposed Completion

Applicable Department of Conservation Order

COMMISSIONER

ISSUING AUTHORITY

Work Permit

STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

Well Name & No. VU A; Hayes U 1 No. 6 Sec. 19 T 11S R 5W

Field Hayes Parish Jefferson Davis

Permit Serial No. 103174 Work Permit No. 1022-73

Description of Work Set thru tubing bridge plug at 10,291, dump sand and cement on top.
Perforate 10261-67'.

Sand & Reservoir To Be Tested 1st Marg A TD 10,450'

Operator Gulf Oil Corporation

Address P. O. Box 51327

City, State & Zip Lafayette, La. 70501

Permit Requested By J.R.Frank Date 9-11-73

J.R.Frank

Permit Authorized By [illegible] District 13 Date 9/13/73

See Instructions On Reverse Side

Form DM-4R Rev.

INSTRUCTIONS

A single application will suffice for one, or combinations of, the below operations provided that if more than one operation is requested on one form, such work must be performed consecutively.

If additional applications for Work Permits are necessary on any one well, each should be numbered 1, 2, etc. in the order requested. An original and one copy of this form will suffice for all work with exception of plug and abandon, for which an original and three copies are required.

1. Abandon (Plug & Abd)
2. Deepen
3. Perforate
4. Squeeze
5. Plugback
6. Sidetrack
7. Pull Casing
8. Change Zone of Selective Completion
9. Drill Salt Water Disposal Well
10. Convert to Salt Water Disposal Well
11. Drill Product Storage Well

NOTICE: To perform any of the above, as well as any other possible operations in Louisiana, without first obtaining a Permit is an infraction of the law and subject to prosecution.

STIMULATION TREATMENT REPORT

DOWELL

DWL-494-J PRINTED IN U.S.A.

DOWELL DIVISION OF THE DOW CHEMICAL COMPANY

DATE: 09-15-73

WELL NAME AND NUMBER: Vua Hayes UC6 #1	LOCATION: Hayes	CUSTOMER REPRESENTATIVE: TB Sumner	TREATMENT NUMBER: 1408-6724
POOL:	FORMATION:	JOB DONE DOWN: TUBING A ☑ CASING B ☐ ANNULUS C ☐	ALLOWABLE PRESSURE: TBG: 5000 CSG:
COUNTY: Calcasieu	STATE: Louisiana	TYPE OF WELL: OIL A ☐ GAS B ☑ WATER C ☐ INJ. D ☐	
TYPE OF SERVICE: Acidizing		AGE OF WELL: NEW WELL A ☐ REWORK B ☑	TOTAL DEPTH: 10272 CIRC. BHT.:
CUST. NAME: Gulf Oil Corporation		CASING SIZE: CASING DEPTH:	TUBING SIZE: 2 3/8 TUBING DEPTH: 10200
ADDRESS: Do Box 1635		LINER SIZE: LINER DEPTH:	PACKER TYPE: PACKER DEPTH: 9198
CITY, STATE & ZIP CODE: Houston Texas 77001		OPEN HOLE: CSG. OR ANRL. VOL.: 1.08	TBG VOLUME: 39.78 STATIC BHT.:

REMARKS: Treat perf 10261-10267' w/1000 GAL HCL 15% and 1000 GAL RMA w/10 GAL A-130 per 1000 gal

PERFORATED INTERVALS

DEPTH	NO. OF HOLES	DEPTH	NO. OF HOLES	DEPTH	NO. OF HOLES
10261					
10267					

FOR CONVERSION PURPOSES 24 BBLS EQUALS 1000 GALLONS

ARRIVED ON LOCATION:

TIME	INJECTION RATE	INJECTION BBLS IN	PRESSURE CSG.	PRESSURE TBG.	SERVICE LOG
0500					DEPARTED STATION
0600					ARRIVED LOCATION - TGM - RIG UP TO TAKE
~~0750~~					ON 45 BBLS SALT WATER
0750			0	250	ARRIVED WELL SITE - TAILGATE MEETING
~~0817~~					- Rigging up.
0817				7000	Test Lines
0820			0	0	Start Acid - Gas was bleed off well
					As we rigged up
0840	1/2	24	0	0	Switched to RMA
0853	1/2	6	0	4000	RMA
0919	1/2	17	0	4600	RMA
0930	1/2	23	0	4100	Break down
0932	1/2	24	0	4100	Switched to Saltwater
1000	3/4	17	0	4100	RMA At PERFS
1008	1	26	0	3900	9 BBLS RMA IN PERFS
1020	1.5	43	0	3800	Shut down
1035			0	2750	Shut in pressure Rigging down
1100					LEFT LOCATION
1200					ARRIVED STATION

TIME LEFT LOCATION: 1100	AVG. LIQUID INJ. RATE:	ADJ. INJ. RATE (SOLIDS INC.):	TOTAL FLUID PUMPED: OIL / WATER	
MAX. PRESSURE: 5000	AVG. PRESSURE:	FINAL PUMP IN PRESSURE: 3800	SHUT IN PRESSURE: IMMEDIATE 3800 / 15 MINUTES 2750	
DOWELL LOCATION: Lake Charles La	DOWELL ENGINEER: K S Sugar			

PROPS AND LIQUIDS INJECTED

TYPE	SIZE OR PURPOSE	AMOUNT
RMA	GAL	1000
X ACID	GAL	1000
A-130	GAL	20

CALL BACK	DATE	CUSTOMER REP. CONTACTED	CUSTOMER CONSIDERED SERVICE ☐ SATISFACTORY ☐ UNSATISFACTORY ☐ UNKNOWN	PROD. BEFORE TREATMENT ☐ TEST ☐ ALLOWABLE	PROD. AFTER TREATMENT ☐ DAYS ☐ TEST ☐ ALLOWABLE

Work Permit

STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

Well Name & No. VUA, Hayes U 1 No. 6 Sec. 19 T 11S R 5W

Field Hayes Parish Jefferson Davis

Permit Serial No. 103174 Work Permit No. 1138-73

Description of Work Set cast iron bridge plug at 8985' and dump 10' cement on top.
Perforate 8943-57'.

Sand & Reservoir To Be Tested Discorbis 2A TD 10,450'

Operator Gulf Oil Corporation

Address P. O. Box 51327

City, State & Zip Lafayette, La. 70501

Permit Requested By V. T. Jones, Jr. Date 10-23-73

Permit Authorized By District Date 10/24/73

See Instructions On Reverse Side

Form DM-4R Rev.

INSTRUCTIONS

A single application will suffice for one, or combinations of the below operations provided that if more than one operation is requested on one form, such work must be performed consecutively.

If additional applications for Work Permits are necessary on any one well, each should be numbered 1, 2, etc. in the order requested. An original and one copy of this form will suffice for all work with exception of plug and abandon, for which an original and three copies are required.

1. Abandon (Plug & Abd)
2. Deepen
3. Perforate
4. Squeeze
5. Plugback
6. Sidetrack
7. Pull Casing
8. Change Zone of Selective Completion
9. Drill Salt Water Disposal Well
10. Convert to Salt Water Disposal Well
11. Drill Product Storage Well

DIST. CONSERVATION
OCT 24 1973
LAKE CHARLES

NOTICE: To perform any of the above, as well as any other possible operations in Louisiana, without first obtaining a Permit is an infraction of the law and subject to prosecution.

POTENTIAL REPORT

Type Well: Oil ____ Gas ✓ Distillate ✓

Type Test: Comp. ____ Recomp. ✓ Retest ____ Regauge ____

Parish Jeff Davis Field Hayes

Company Gulf Oil Co. US Serial No. 103174

Well Name & No. VUC; Hayes Unit; well #6

Location: Sec. 19 Twp. 11S Rge. 5W Flowing ✓ Pump ____

Prod. Horizon Disc 2A Perf. Int. 8936 to 8950

Casing Setting: Size 7" @ 10271
5" Liner @ 9751

Tubing Setting: Size 2 3/8 @ 8792 T.D. 10450

Date ~~Completed~~ on Line 10-23-73 Date Gauged 10-29-73

Acidize with ____ gals. Elev. of Derr. Floor ____

—— TEST DATE ——

T. P. 3100 C. P. Park Choke Size 8 /64th

Closing ~~TK Gge.~~ Meter 24.00 ft. ____ in. @ 9 AM Time

Opening ~~TK Gge.~~ Meter 00.00 ft. ____ in. @ 9 AM Time

Diff. ____ ft. 24.00 in. 24 Hours (Time)

Tank No. Meter Tank Coef. 1.00

Bbls. per 24 Hrs. 24 Est. Bbls. per Day 24 Net

Daily Gas Vol. 1550 M.C.F. G/O Ratio 64583/1

B.S.&W. .1 % Corrected Gravity 56.1 Deg. A.P.I.

Witnessed [signature] Title ____

Gauged by [signature] Title Oil & Gas Ins.
Department of Conservation

District Office Lake Charles

Remarks: 620# x 33" x 1 1/4" x 4"
Flg. Conn.

5-75

Form S D M-2

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Corrected Report

WELL COMPLETION OR RECOMPLETION REPORT

Lake Charles DISTRICT Re: Well Serial No.: 103174

Completed	[ ]	Flowing	[X]	Operator:	Gulf Oil Corporation
Recompleted	[X]	Gas-Lifting	[ ]	Well Name:	VUG; Hayes U 1
Oil	[ ]	Pumping	[ ]	Well No.:	6, Sec. 19, Twp. 11S, Rge. 5W
Gas	[X]	Shut-In	[ ]	Field	Hayes
				Parish	Jefferson Davis

Date Completed or Recompleted 10-26-73 at - (a.m.) (p.m.)

COMPLETION DATA

Initial Production 24 BOPD Gas Volume 1550 MCF/Day

Tubing Pressure 3100 psig Casing Pressure Packer psig

Choke Size 8/64 Positive Adjustable B.S.&W. 1/10 %

Gas/Oil Ratio 64,583 CF/Bbl. Gravity 56.1 at 60° A. P. I.

Producing Depth: From 8943 Ft. to 8957 Ft. T. D. 10,450 Ft.

Name of Producing Sand: Discorbis 2A

*New Pool *Old Pool List Reason(s) for Pool Classification N/A - gas well

*As Defined in Statewide Order No. 29-H.

Additional clearance is requested for NONE barrels of oil produced on drill stem or other production tests (See Section X, Paragraph B of Order No. 29-B on reverse side).

Three (3) copies to be filed with the District Office within three (3) days of date of completion or recompletion (as per Order 29-B, Section X, Paragraph A, Article 1).

I hereby certify that the above information is true and correct to the best of my knowledge.

DISTRICT MANAGER ONLY

29-E Compliance - Yes ___ No ___
29-E Unit Attached - Yes ___ No ___

DATE: _____

Gulf Oil Corporation
COMPANY

V. T. Jones, Jr.
COMPANY REPRESENTATIVE
V. T. Jones, Jr.

Area Production Manager
TITLE

Form - Comp.

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

> All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

TEST DATA

Date of Test	Time of Test	Amount of Oil Produced
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
	TOTAL	_____ BARRELS

The above total barrels of oil were produced from _____ Ft. to _____ Ft.

Remarks: _____

DEPT. CONSERVATION

NOV - 1 1973

LAKE CHARLES

COMPANY

(Signed) COMPANY REPRESENTATIVE

From - Comp.

DEPARTMENT OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO.: 103174

PRODUCING INTERVAL: 8943 - 8957'

RESERVOIR (COMPANY SAND IDENTIFICATION): Discorbis 2A

Three typewritten copies of this report must be filed with the District Office of the Department of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

DESIGNATE TYPE OF COMPLETION: NEW WELL [ ] RECOMPLETION [X] SAME RESERVOIR [ ] DIFFERENT RESERVOIR [X] OIL [ ] GAS [X] P&A [ ]

OPERATOR: Gulf Oil Corporation	ADDRESS: P.O. Box 51327, Lafayette, La. 70501
LEASE NAME: VUA; Hayes U 1	WELL NO.: 6
PARISH: Jefferson Davis	SEC. 19 TWP. 11S RGE. 5W
DATE PERMIT ISSUED: -	DATE SPUDDED: -
DATE READY TO PRODUCE*: -	TOTAL DEPTH: 10,450'
PBTD.: 8975'	GROUND ELEVATION: -
CASING HEAD FLANGE ELEVATION: -	DISTANCE FROM RKB TO CHF: -
DATE WELL TURNED INTO TANKS: -	SINGLE, DUAL OR TRIPLE COMPLETION?: Single
NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION	
WAS WELL DIRECTIONALLY DRILLED?: -	WAS DIRECTIONAL SURVEY MADE?: -
WERE 3 COPIES FILED WITH THE DEPARTMENT OF CONSERVATION?: -	DATE FILED: -
TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH DEPT. OF CONSERVATION): -	DATE FILED: -

CASING, LINER AND TUBING RECORD

CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED	NAME OF TEST WITNESS-STATE IF DEPT. AGENT OR OFFSET OPERATOR

TUBING SIZE: 2 3/8" DEPTH OF TUBING: 8792' DEPTH OF PACKER(S): 8792'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	CHOKE SIZE	WELL STATUS
24 BOPD	1550 MCF/DAY	8/64	Flowing

TUBING PRESSURE	CASING PRESSURE	GOR	BS & W	BHP - (SHUT-IN)
3100 psig	Packer psig	64,583	1/10 %	4037 (calc.) psi

GRAVITY	CONSERVATION AGENT MAKING GAUGE	COMPANY REPRESENTATIVE	DATE GAUGED
56.1 °API@60°F	Maurice Schmitt	Johnice Fruge	10-29-73

PLUG AND ABANDON (P&A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF DEPT. AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state: That I am employed by Gulf Oil Corp. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Form WH Signature: V. T. Jones, Jr. Title: Area Prod. Manager

* Date well is equipped to produce, but due to no available market, no pipe line connection, etc.; the well has been shut-in.

WORK RESUME

List below all work performed under Department of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
1022-73	9-7-73	Go, Int.	Set thru tubing bridge plug at 10,291, dump sand and cement on top.
1022-73	9-12-73	Go, Int.	Perforate 10261-67'.
1138-73	10-18-73	McCullough	Set cast iron bridge plug at 8985', dump 10' cement on top.
1138-73	10-22 & 10-23-73	McCullough	Perforate 8943-57'

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt tops and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

DEPT. CONSERVATION

NOV - 6 1973

LAKE CHARLES

Work Permit

STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

Well Name & No. VUA; Hayes U 1 #6 Sec. 19 T 11S R 5W

Field Hayes Parish Jefferson Davis

Permit Serial No. 103174 Work Permit No. 496-75

Description of Work Set cast iron bridge plug at 9200', dump 9' cement on top of plug.
Perforate 9156-9160'

Sand & Reservoir To Be Tested Disc 2C TD 10,450'

Operator Gulf Oil Corporation

Address P. O. Box 51327

City, State & Zip Lafayette, La. 70501

Permit Requested By J R Frank for V.T. Jones, Jr. Date 5-20-75

Permit Authorized By [illegible] District L.C. Date 5/22/75

See Instructions On Reverse Side

Form DM-4R Rev.

INSTRUCTIONS

A single application will suffice for one, or combinations of, the below operations provided that if more than one operation is requested on one form, such work must be performed consecutively.

If additional applications for Work Permits are necessary on any one well, each should be numbered 1, 2, etc. in the order requested. An original and one copy of this form will suffice for all work with exception of plug and abandon, for which an original and three copies are required.

1. Abandon (Plug & Abd)
2. Deepen
3. Perforate
4. Squeeze
5. Plugback
6. Sidetrack
7. Pull Casing
8. Change Zone of Selective Completion
9. Drill Salt Water Disposal Well
10. Convert to Salt Water Disposal Well
11. Drill Product Storage Well

LAKE CHARLES
MAY 21 1975
DEPT. CONSERVATION

NOTICE: To perform any of the above, as well as any other possible operations in Louisiana, without first obtaining a Permit is an infraction of the law and subject to prosecution.

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

no flow

WELL COMPLETION OR RECOMPLETION REPORT

Lake Charles DISTRICT Re: Well Serial No.: 103174

Completed [ ] Flowing [X] Operator: Gulf Oil Corporation
Recompleted [X] Gas-Lifting [ ] Well Name: VUA Hayes U 1
Oil [ ] Pumping [ ] Well No.: 6, Sec. 19, Twp. 11S, Rge. 5W
Gas [X] Shut-In [ ] Field Hayes
Parish Jefferson Davis

Date Completed or Recompleted 5-22-75 at -- (a.m.) (p.m.)

COMPLETION DATA

Initial Production 7 BOPD Gas Volume 880 MCF/Day

Tubing Pressure 1750 psig Casing Pressure 1000 psig

Choke Size 16/64 Positive ____ Adjustable ____ B.S.&W. Trace %

Gas/Oil Ratio 125,714 CF/Bbl. Gravity 56.1 at 60° A. P. I.

Producing Depth: From 9156 Ft. to 9160 Ft. T. D. 10450 Ft.

Name of Producing Sand: Disc 2C ~~HH~~ Formerly D2A

XXXXXXXXXX *Old Pool List Reason(s) for Pool Classification ____

*As Defined in Statewide Order No. 29-H.

Additional clearance is requested for None barrels of oil produced on drill stem or other production tests (See Section X, Paragraph B of Order No. 29-B on reverse side).

Three (3) copies to be filed with the District Office within three (3) days of date of completion or recompletion (as per Order 29-B, Section X, Paragraph A, Article 1).

I hereby certify that the above information is true and correct to the best of my knowledge.

DISTRICT MANAGER ONLY

29-E Compliance - Yes ____ No ____
29-E Unit Attached - Yes ____ No ____
DATE: ____

Gulf Oil Corporation
COMPANY

COMPANY REPRESENTATIVE

Area Production Manager
TITLE

Form - Comp.

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

> All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

TEST DATA

Date of Test	Time of Test	Amount of Oil Produced
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels

TOTAL _____ BARRELS

The above total barrels of oil were produced from _____ Ft. to _____ Ft.

Remarks: _____

_____

COMPANY

(Signed) COMPANY REPRESENTATIVE

From - Comp.

JUN 6 - 1975
LAKE CHARLES

Well File

R. T. SUTTON
COMMISSIONER

State of Louisiana

DEPARTMENT OF CONSERVATION
P. O. BOX 1767
LAKE CHARLES, LA 70601

WO Norm
Lts 9/29

July 14, 1975

Gulf Oil Corporation
P. O. Box 51327
Lafayette, LA 70501

RE: WELL NAME & NUMBER VU C; Hayes U 1 #6
FIELD Hayes
SERIAL NO. 103174

Gentlemen:

Our records indicate that the following indicated items have not been submitted to this office by the prescribed time:

WELL RECORD REPORTS

_____1. Casing Test — Form Csg. Test.
_____2. Well History & Work Resume Report (triplicate) — Form WH.
_____3. Plug & Abandon Report (triplicate) — Form P&A.
_____4. Work Application — Form DM-4R Rev._____
_____5. Electric Logs (2-1") Order 29-B, Sec. IV.
_____6. Apparent Deviation (triplicate) Form AD.
_____7. Directional Survey (triplicate) — Order 29-B.
_____8. Application for amended permit — Form MD-10-R-A, and fee if required. To amend_____
_____9. Surveyed unit plats (Order No._____) (Submit to Baton Rouge Office).
_____10. Authority to transport (quadruplicate)(Submit to Baton Rouge Office) Form R-4.
_____11. Application for dual completion or recompletion and related data (triplicate) Form ADC, Order 29-C.
_____12. Weekly Progress or Drill Report - required on all permitted wells until completed or abandoned - Order 29-B.

WELL ALLOWABLE REQUIREMENTS

_____13. Completion or Recompletion Report (triplicate) — Form Comp.
X 14. Potential Report — Form SD M-2, (gauged by Department personnel).
X 15. Acreage Assignment Plats (triplicate) — Order 29-F.
X 16. Gas Purchaser Nominations from Gas Purchaser — Order 29-F, Sec. 2.
_____17. Request for change of allowable — Order 29-B.
_____18. Oil Well Potential Report (duplicate) — Form DM-1-R (3-72).
_____19. Gas Well Deliverability Tests (duplicate) — Form DT-1.

REMARKS: Well Recompleted from D2A reservoir to D2C reservoir 5/22/75. Please advise status.

Please submit the above noted items as soon as possible to the District Office, unless otherwise denoted, so that our records will be completed.

Yours very truly,

HEWalker
HARMON E. WALKER
District Engineer

Rev. 9-74
/fc

Gulf Oil Company - U.S.

PRODUCTION DEPARTMENT
LAFAYETTE AREA

V. T. Jones, Jr.
MANAGER

P. O. Box 51327 O. C. S.
Lafayette, Louisiana 70501

July 23, 1975

Mr. W. C. Wilhite, District Manager
Department of Conservation
P. O. Box 1767
Lake Charles, Louisiana 70601

RE: VUA; Hayes Unit 1 No. 6
Hayes Field
Jefferson Davis Parish, Louisiana

Dear Sir:

The subject well was recently recompleted in the Discorbis 2C Sand. In accordance with your request, two copies of the acreage allocation plat which includes all of the 1280 acre Hayes Voluntary Unit, is attached. It is our opinion that the Discorbis 2C reservoir is confined to our lease.

Also in accordance with your request, we are requesting a State Potential test and we want to thank you for bringing this oversight to our attention.

Our records are not clear as to the designation of the Hayes Unit No. 1 wells. The subject well, for instance, has also been referred to as VUC; Hayes Unit #1 Well No. 6. It is our belief that the subject designation is correct. Please advise us which is correct.

Did
TT 7/23

If additional information is needed, please let us know.

Yours very truly,

V. T. Jones, Jr.

MEG:mrm

Attachment

POTENTIAL REPORT

Type Well: Oil _____ Gas ✓ Distillate _____

Type Test: Comp. _____ Recomp. ✓ Retest _____ Regauge _____

Parish Cabcasieu Field Hayes

Company Gulf O.L. Co Serial No. 103174

Well Name & No. W.F. Hayes Unit 1 #6

Location: Sec. 19 Twp. 11S Rge. 9W Flowing ✓ Pump _____

Prod. Horizon DISC 2C Perf. Int. 9156 to 9160

Casing Setting: Size 7 @ 10450 PB

Tubing Setting: Size 2 @ 9055 T.D. 9191

Date Completed 8-2-75 Date Gauged 8-8-72 8-9-72

Acidize with _____ gals. Elev. of Derr. Floor 6.20

— TEST DATE —

T.P. 750 C.P. 0 Choke Size 8 /64th

Closing TK Gge 00.00 ft. _____ in. @ 10:00 AM Time

Opening TK Gge 00.00 ft. _____ in. @ 10:00 AM Time

Diff. 0 ft. 0 in. 24 Hours (Time)

Tank No. Meter Tank Coef. 1.000

Bbls. per 24 Hrs. 0 Est. Bbls. per Day 0

Daily Gas Vol. 740 M.C.F. G/O Ratio 0

B.S.&W. 0 % Corrected Gravity 0 Deg. A.P.I.

Witnessed [signature] Title Prod. Supt.

Gauged by [signature] Title _____
Department of Conservation

District Office Lake Charles

Remarks: 620# @ 8"
4 X 1 1/4 OP
Std Chart 1500# @ 100"

5-75

Form S D M-2

POTENTIAL REPORT

Type Well: Oil ____ Gas ✓ Distillate ____

Type Test: Comp. ____ Recomp. ✓ Retest ____ Regauge ____

Parish Jeff Davis Field Hayes

Company Gulf Oil Corp. Serial No. 103174

Well Name & No. Hayes Unit 1 Well #6

Location: Sec 19 Twp. 11S Rge. 5W Flowing ✓ Pump ____

Prod. Horizon ____ Perf. Int. 9156 to 9160

Casing Setting: Size 7" @ 10450

Tubing Setting: Size 2 3/8 @ 9050 T.D. PB 9200 10450

Date ~~Completed~~ on hole 6-16-77 Date Gauged 6-21-77

Acidize with ____ gals. Elev. of Derr. Floor ____

—— TEST DATE ——

T. P. 1200 C. P. Pack Choke Size 16 /64th

Closing ~~TK Gge.~~ Meter 16.00 ft. ____ in. @ 9 AM Time

Opening ~~TK Gge.~~ Meter 00.00 ft. ____ in. @ 9 AM Time

Diff. ____ ft. 16.00 in. 24 Hours (Time)

Tank No. Meter Tank Coef. 1.00

Bbls. per 24 Hrs. 16 Est. Bbls. per Day 16 Net

Daily Gas Vol. 680 M.C.F. G/O Ratio 42500/1

B.S.&W. 96 % Corrected Gravity 50.3 Deg. A.P.I.

Witnessed L H Williams Title Field Supervisor

Gauged by [signature] Title Oil & Gas Ins
Department of Conservation

District Office Lake Charles

Remarks 640# X 18" X 1" X 4"

Flg. Conn.

05-75

Form S D M-2

29-E COMPLIANCE ____ YES ____ NO

29-E UNIT ATTACHED ____ YES ____ NO

D.O.C. USE ONLY

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

DISTRICT Lake Charles

CODE NUMBERS:		
27	DATE	June 28, 1977
4439	PARISH	Jefferson Davis
2264	FIELD	Hayes
103174	OPERATOR	Gulf Oil Corporation
	WELL NAME	~~VUC~~; Hayes U1 NO. 6 SERIAL NO. 103174
	RESERVOIR	Disc 2C

[1] 1 - ON-SHORE 2 - INTERMEDIATE 3 - OFF-SHORE

SEC. 19 T 11S R 5W

DOC ORDER NO. 29B & E

6/16/77 COMPLETION DATE

7 TIME [X] AM [ ] PM

IMPORTANT: IS A FORM MD-10-R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES [ ] NO [X]

REMARKS: Well back on Prod. - No change in Well Name or Perforations

COMPLETION DATA:

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD
[2] 1 - ORIG. COMP. 2 - RE-COMP.	[2] 1 - OIL 2 - GAS 3 - DRY GAS	[2] 1 - YES 2 - NO	[1] 1 - FLOWING 2 - GAS LIFT 3 - PUMPING 4 - SHUT IN

* IF THIS IS A RE-COMPLETION SPECIFY: SAME RESERVOIR [X] - DIFFERENT RESERVOIR [ ]

INITIAL PROD.	GAS VOLUME	FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE
16 BCPD ~~BOPD~~	680 MCF/DAY	1200 PSIG	- PSIG	- PSIG

CHOKE SIZE		BS & W	GOR	GRAVITY
16 /64"	[1] 1 - POSITIVE 2 - ADJUST	96 %	42,500/1 CF/BBL	50.3 API AT 60° F

PERFORATIONS 9156-9160'

B.P.T.D. 9200'
TOTAL DEPTH 10,450'

CLEARANCE & CERTIFICATION:

ADDITIONAL CLEARANCE IS REQUESTED FOR - BBLS. OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST: (SEE SECTION X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE).

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

V.T. Jones, Jr.
SIGNATURE

Gulf Oil Corporation
OPERATOR

Area Production Manager
TITLE

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITHIN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1).

FORM COMP. REV. 2-76

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

> All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

TEST DATA

Date of Test	Time of Test	Amount of Oil Produced
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels

TOTAL _____ BARRELS

The above total barrels of oil were produced from _____ Ft. to _____ Ft.

Remarks: _____

_____

JUN 30 1977
CHARLES

OPERATOR

(Signed) OPERATOR REPRESENTATIVE

Form - Comp.

DEPARTMENT OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO.: 103174

PRODUCING INTERVAL: 9156-9160'

RESERVOIR (COMPANY SAND IDENTIFICATION): Disc 2C

Three typewritten copies of this report must be filed with the District Office of the Department of Conservation in which the well is located within twenty (20) days of the date of completion: NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

DESIGNATE TYPE OF COMPLETION: NEW WELL [ ] RECOMPLETION [X] SAME RESERVOIR [ ] DIFFERENT RESERVOIR [ ] OIL [ ] GAS [X] P&A [ ]

OPERATOR: Gulf Oil Corporation	ADDRESS: P.O. Box 51327 OCS Lafayette, La. 70505
WELL NAME: VUØ; Hayes U1	WELL NO.: 6
PARISH: Jefferson Davis	SEC. 19 TWP. 11S RGE. 5W
DATE PERMIT ISSUED: -	
DATE SPUDDED: -	DATE READY TO PRODUCE*: 6/16/77
TOTAL DEPTH: 10,450'	PBTD: 9,200'
GROUND ELEVATION: 9.47	CASING HEAD FLANGE ELEVATION: 16.2
DISTANCE FROM RKB TO CHF: 16.2'	
DATE WELL TURNED INTO TANKS: 6/16/77	SINGLE, DUAL OR TRIPLE COMPLETION?: Single
NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION	
WAS WELL DIRECTIONALLY DRILLED?: -	WAS DIRECTIONAL SURVEY MADE?: -
WERE 3 COPIES FILED WITH THE DEPARTMENT OF CONSERVATION?: -	DATE FILED: -
TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH DEPT. OF CONSERVATION): -	DATE FILED: -

CASING, LINER AND TUBING RECORD

CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED	NAME OF TEST WITNESS-STATE IF DEPT. AGENT OR OFFSET OPERATOR
				Same as Drill				

TUBING SIZE: 2 3/8" DEPTH OF TUBING: 9050' DEPTH OF PACKER(S): 9055'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: 16 BCPD / BOPD	GAS VOLUME: 680 MCF/DAY	CHOKE SIZE: 16/64"	WELL STATUS: Flowing
TUBING PRESSURE: 1200 psig	CASING PRESSURE: - psig	GOR: 42,500/1	BS & W: 96 %
BHP - (SHUT-IN): 3400 #(Calc) psi			
GRAVITY: 50.3 °API@60°F	CONSERVATION AGENT MAKING GAUGE: M. Schmidt	COMPANY REPRESENTATIVE: L. H. Williams	DATE GAUGED: 6/21/77

PLUG AND ABANDON (P&A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF DEPT. AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state: That I am employed by Gulf Oil Corp. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Form WH Signature: J.T. Jones, Jr. Title: Area Production Manager

* Date well is equipped to produce, but due to no available market, no pipe line connection, etc.; the well has been shut-in.

WORK RESUME

List below all work performed under Department of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt tops and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

CONSERVATION DEPT.
JUN 30 1977
LAKE CHARLES

STATE OF LOUISIANA

OFFICE OF CONSERVATION

PLUG AND ABANDON REPORT

WORK PERMIT NO. 282-80

WELL SERIAL NO. 103174

DATE WORK FINISHED (MM-DD-YY) 5/12/80

Lake Charles DISTRICT

(Three Copies to be Filed with the District Office)

NOTE: This Report Will Be Returned If Not Properly Completed And Signed.

Field Hayes Parish Jeff. Davis Sec. 19 Twp. 11-5 Rge. 5-W

Operator Gulf Oil Co. CODE Well Name Vua; Hayes Unit-1 Well No. 6

Total Depth 10,450 Condition of Well Depleted

CHECK APPROPRIATE BOX:

☐ 29 DRY HOLE

☒ 30 FORMERLY PRODUCTIVE WELL

	CASING SIZE	AMOUNT PULLED	CEMENT PLUGS			
			FROM	TO	SACKS	HOW PLACED
301	10 3/4	none	Squeeze perf.	9152-60 w/	30	Seaboard - Pump
302	7"	3066'	7700'	7500'	40	Seaboard - Pump
303	tubing	7700'	3166'	2960	80	Seaboard - Pump
304			35'	5'	15	" "

Mud Record: Weight 10 SW. Viscosity

Remarks: Cut 10 3/4 pipe 4' below ground level and weld 1/2 steel plate on top. Verified plugs #2 & #3 By tagging w/ pipe

This work was done according to the Rules and Regulations of the Office of Conservation.

WITNESS

Gulf Oil Corporation
OPERATOR

P&A by Seaboard Well Service, Inc

(Signed) LeeRoy Belaire
REPRESENTATIVE

Form P & A (1-78)

Work Permit
STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

Well Name & No. VUA; Hayes U1 #6 Sec. 19 T 11S R 5

Field Hayes Parish Jeff Davis

Unit Serial No. 103174 Work Permit No. 282-80

Description of Work Spot 315' cmt. plug 200' above upper perfs. Top of plug @ 8740', spot cmt. plug 3156 - 2956', spot 30' plug to surface. Cut csg. below plow depth and weld plate on top to P. A.

Sand & Reservoir To Be Tested — TD 10,450

Operator Gulf Oil Corporation

Address P. O. Box 51327, O.C.S.

City, State & Zip Lafayette, LA 70505

Permit Requested By E. H. Sheffield Date 3/17/80

Permit Authorized By District L. C. Date 3/18/80

See Instructions On Reverse Side

Form DM-4R Rev.

INSTRUCTIONS

A single application will suffice for one, or combinations of, the below operatio[illegible] provided that if more than one operation is requested on one form, such work mus[illegible] performed consecutively.

If additional applications for Work Permits are necessary on any one well, each sh[illegible] be numbered 1, 2, etc. in the order requested. An original and one copy of this [illegible] will suffice for all work with exception of plug and abandon, for which an origina[illegible] three copies are required.

1. Abandon (Plug & Abd)
2. Deepen
3. Perforate
4. Squeeze
5. Plugback
6. Sidetrack
7. Pull Casing
8. Change Zone of Selective Completion
9. Drill Salt Water Disposal Well
10. Convert to Salt Water Disposal Well
11. Drill Product Storage Well

NOTICE: To perform any of the above, as well as any other possible operations in Louisiana, without first obtaining a Permit is an infraction of the law and [illegible]ject to prosecution.

FORM MD-[illegible]R

STATE OF LOUISIANA
DEPT OF CONSERVATION

DISTRICT OFFICE COPY

PERMIT $100 00
Multiple Zone Processing

Send To L.C. 12
Ser. #103174

Date 6/11/64

Parish JEFFERSON DAVIS

PERMIT TO DRILL FOR MINERALS

Field HAYES

Operator GULF OIL CORPORATION
Address P.O. BOX 1327
City & State LAFAYETTE, LOUISIANA --- GCS
Well Name HAYES UNIT 1 NO. 6
Location SEC. 19, T11S, R5W
330' S ALONG E/L & 660' W OF THE NE/C OF SEC 19

Serial No
Name or Reservoir of Proposed Completion P. T. D. 10350'
Applicable Department of Conservation Order OLIGOCENE
29B 29E

COMMISSIONER

ISSUING AUTHORITY

88196

Form MD 15 R

DISTRICT OFFICE COPY

No. 28046 -A

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION

AMEND LOCATION

Amended Permit $25.00

AMENDED PERMIT TO DRILL FOR MINERALS

SERIAL NO 103174 BATON ROUGE, LA., June 22, 19 64

PARISH Jefferson Davis FIELD Hayes

OPERATOR Gulf Oil Corporation

ADDRESS Box 1327 OCS

Lafayette, La. 70505

WELL NAME Hayes Unit 1 NO 6

LOCATION OF WELL Sec 19 T 11S R 5W , 230' S along E/L & 940.4' W of the NE/Corner of Section 19 (230' N of location is the Calcasieu Jefferson Davis Parish boundary line)

Zone or Reservoir of proposed completion

Applicable Department of Conservation Order 29B & 29E

Commissioner

Issuing Authority

SCHLUMBERGER INDUCTION-ELECTRICAL LOG

SCHLUMBERGER WELL SURVEYING CORPORATION
Houston, Texas

COMPANY GULF OIL CORP.
WELL HAYES UNIT #1 WELL 6
FIELD or SOUTH HAYES
LOCATION SEC. 19-11S-5W
COUNTY JEFFERSON DAVIS

COMPANY GULF OIL COMPANY 10374B
WELL HAYES UNIT NO. 1 WELL NO. 6
FIELD SOUTH HAYES
COUNTY JEFFERSON DAVIS STATE LOUISIANA
LOCATION 330'S ALONG E LINE & ... W OF NE/C OF SEC.
Sec. 19 Twp. 11S Rge. 5W

Other Services: CST SL FDL PER. / 88196
SER. #103174

Permanent Datum: B.H.F., Elev.
Log Measured From 1'/ROT 16.10 Ft. Above Perm. Datum
Drilling Measured From SAME

Elev.: K.B. 16.10
D.F. 15.10
G.L. NA

Date	7-16-64	7-24-64	7-25-64
Run No.	1	2	3
Depth—Driller	10000	10350	10450
Depth—Logger	10003	10352	10431
Btm. Log Interval	10002	10351	10450
Top Log Interval	3059	10000	10351
Casing—Driller	3055	9998	10000
Casing—Logger	3059	10000	9998
Bit Size	9-7/8"	6"	6"
Type Fluid in Hole	UNICAL SYNERGIC	6% OIL	
Dens. / Visc.	13.0 / 53	16.5 / 57	16.5 / 93
pH / Fluid Loss	8.5 / 2.3 ml	9.0 / 2.4 ml	9.0 / 2.5 ml
Source of Sample	PIT	PIT	FLOWLINE
R_m @ Meas. Temp.	0.79 @ 90 °F	1.05 @ 86 °F	0.98 @ 96 °F
R_{mf} @ Meas. Temp.	0.58 @ 90 °F	0.81 @ 86 °F	0.74 @ 96 °F
R_{mc} @ Meas. Temp.	1.16 @ 90 °F	1.50 @ 86 °F	1.48 @ 96 °F
Source: R_{mf} / R_{mc}	C / C	C / C	C / C
R_m @ BHT	0.37 @ 188 °F	0.43 @ 210 °F	0.45 @ 210 °F
Time Since Circ.	4 HRS	4 HRS	3 HRS
Max. Rec. Temp.	188 °F	210 °F	210 °F
Equip. / Location	2569 / LCT	2569 / LCT	4533 / LCT
Recorded By	SIMMONS	MASON	SIMMONS
Witnessed By	LAAS-PATTERSON	PATTERSON	PATTERSON

REMARKS

Changes in Mud Type or Additional Samples		
Date / Sample No.		
Depth—Driller		
Type Fluid in Hole		
Dens. / Visc.		
ph / Fluid Loss	ml	
Source of Sample		
R_m @ Meas. Temp.	@ °F	@ °F
R_{mf} @ Meas. Temp.	@ °F	@ °F
R_{mc} @ Meas. Temp.	@ °F	@ °F
Source: R_{mf} / R_{mc}		
R_m @ BHT	@ °F	@ °F
R_{mf} @ BHT	@ °F	@ °F
R_{mc} @ BHT	@ °F	@ °F

Scale Changes			
Type Log	Depth	Scale Up Hole	Scale Down Hole

Equipment Data			
Run No.	Tool Type	Tool Position	Other

Run No.:	1 IAP-D-118	2 IAP-118	3 IAP-D-95
C.D.:	YES	NO	NO
S.O.:	1.5"	0	0
Equip. Used: CART. No.:	D-205	F-175	D-96
PANEL No.:	F-283	F-283	F-292
SONDE No.:	M-130	M-130	M-108
S.B.R.:	0.5	0.5	0.5

SPONTANEOUS-POTENTIAL millivolts	DEPTHS	RESISTIVITY ohms-m²/m	CONDUCTIVITY millimhos/m = 1000/ohms-m²/m

COMPANY GULF OIL COMPANY
WELL HAYES UNIT NO. 1 WELL NO. 6
FIELD SOUTH HAYES
COUNTY JEFFERSON DAVIS STATE LOUISIANA

SWSC FR 10450
SWSC TD 10431
DRLR TD 10450
Elev:
KB NA
DF NA
GL NA

COUNTY JEFFERSON DAVIS
FIELD SOUTH HATCH
STATE LOUISIANA
COMPANY GULF OIL CORP.
WELL HATCH UNIT NO. 9
LOCATION SEC. 17-11S-2W
API # 17-053-20-00-00
COMPANY GULF OIL CORP.
WELL HATCH UNIT NO. 9
FIELD SOUTH HATCH
COUNTY JEFFERSON DAVIS
STATE LOUISIANA
LOCATION SEC. 17-11S-2W
API # 17-053-20-00-00

SCHLUMBERGER INDUCTION-ELECTRICAL LOG
SCHLUMBERGER WELL SURVEYING CORPORATION

Run No.	Date	Depth Driller	Depth Logger	Bottom Log Interval	Top Log Interval	Casing Driller Size @ Depth	Casing Logger Size @ Depth	Bit Size	Type Fluid in Hole	Density	Viscosity
ONE	7-1-65	11,000	11,000	11,000	SURFACE	13 3/8 @ 1,000	13 3/8 @ 1,000	12 1/4	WATER	8.4	28

REMARKS
Changes in Mud Type or Additional Samples:
Depth - Type Mud
Depth - Sample
Type Fluid in Hole

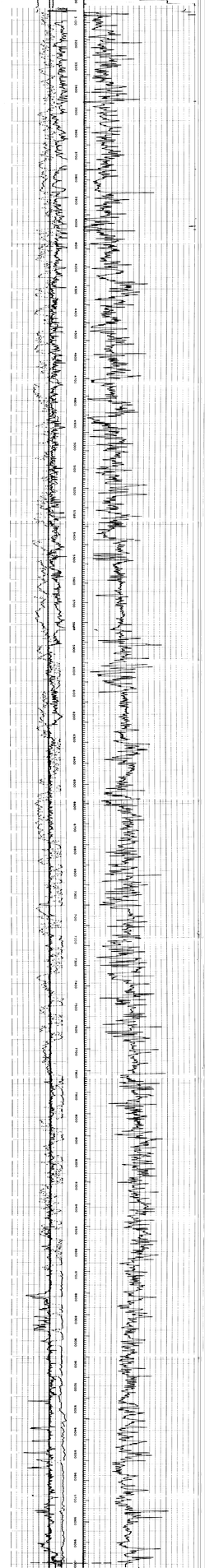
Type Log	Depth	Scale Up Hole	Scale Down Hole

Equipment Data		
Test Type	Test Position	Other

Date, Time
Rig Released
Rig Arrived
Left Base
Arrived Base
Left Hole
Arrived Hole
Run No.
Tools Used: CART. No. P-1251 P-1118 P-1119
HANDY No. P-1251 P-1118 P-1119
SONDE No. P-1251 P-1118 P-1119

Rig No.	153		90
Elev.	8		8
Log Measured From	KB		KB
Drilling Measured From	KB		KB
Max. Rec. Temp.			
Max. Rec. Temp.			
Max. Rec. Temp.			
Source R_m			
R_m @ MT			
R_mf @ MT			
R_mc @ MT			
R_m @ BHT			
R_mf @ BHT			
R_mc @ BHT			
Run No.	ONE		
Tools Used: CART. No.	P-1251	P-1118	P-1119
HANDY No.	P-1251	P-1118	P-1119
SONDE No.	P-1251	P-1118	P-1119

SPONTANEOUS POTENTIAL millivolts	Scale	RESISTIVITY ohms - m/m	CONDUCTIVITY millimhos/m - $\frac{1000}{\text{ohms-m/m}}$
20 (MV)		0 16" N 16" N SHORT NORMAL 10	0 5 FAM INDUCTION 5
		HIGH SCALE 100	1000 0 1000
		40" INDUCTION 10	
		HIGH SCALE 100	



SPONTANEOUS POTENTIAL millivolts	Scale	RESISTIVITY ohms - m/m	CONDUCTIVITY millimhos/m - $\frac{1000}{\text{ohms-m/m}}$
20 (MV)		0 16" N 16" N SHORT NORMAL 10	0 5 FAM INDUCTION 5
		HIGH SCALE 100	1000 0 1000
		40" INDUCTION 10	
		HIGH SCALE 100	

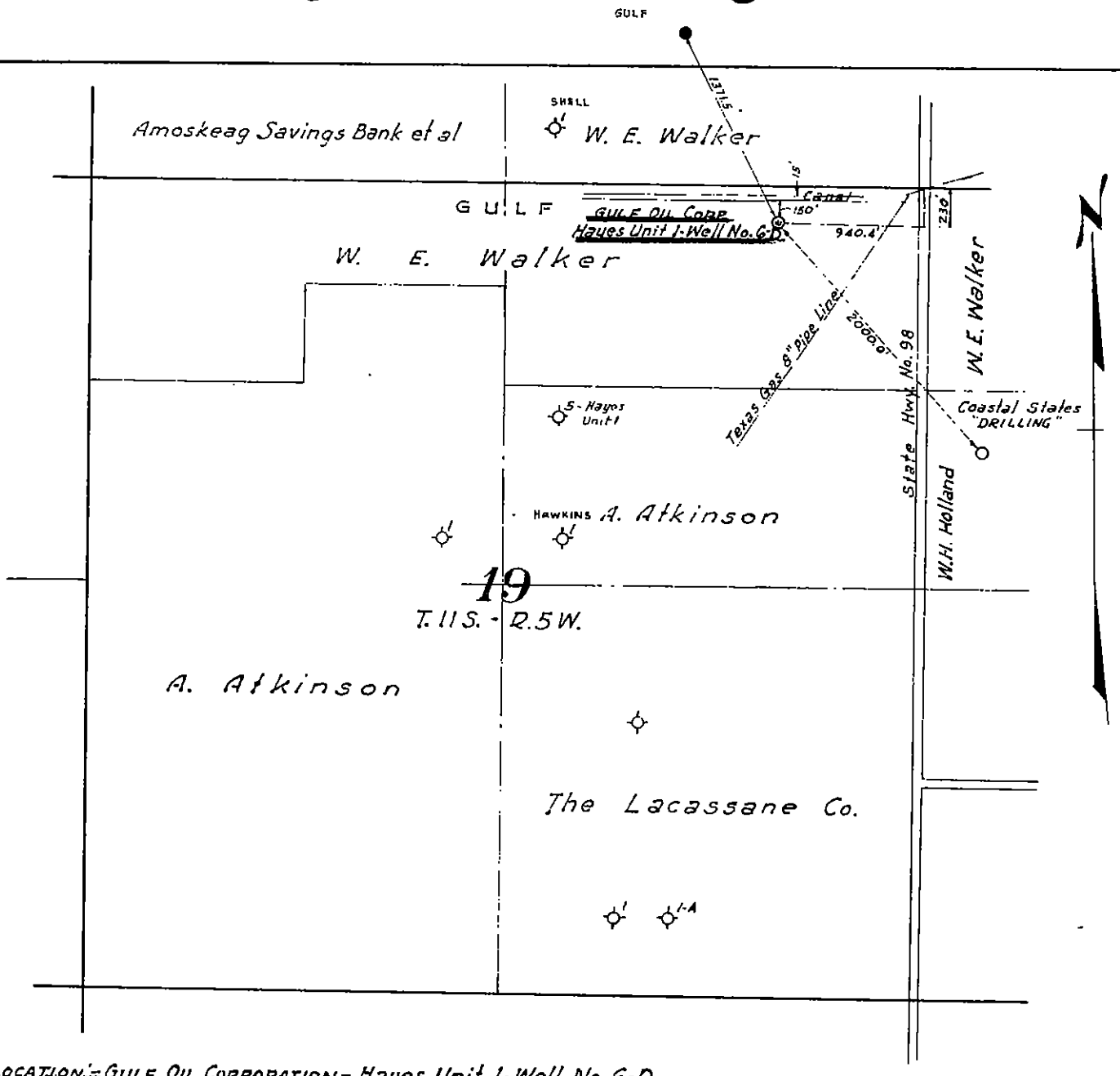
COMPANY GULF OIL CORPORATION
WELL HATCH UNIT NO. 9 WELL NO. 9
FIELD SOUTH HATCH
COUNTY JEFFERSON DAVIS STATE LOUISIANA

SWSC 19-10S2W
SWSC 20-10S2W
SWSE 10-10S2W

Elev. KB 8
DF 8
GL 8

DETAIL LOG

SPONTANEOUS POTENTIAL millivolts	Scale	RESISTIVITY ohms - m/m	CONDUCTIVITY millimhos/m - $\frac{1000}{\text{ohms-m/m}}$
20 (MV)		0 16" N 16" N SHORT NORMAL 10	0 5 FAM INDUCTION 5
		HIGH SCALE 100	1000 0 1000
		40" INDUCTION 10	
		HIGH SCALE 100	



WELL LOCATION:- GULF OIL CORPORATION - Hayes Unit 1-Well No. 6-D

Beginning at the Northeast corner of section 19, T. 11 S. - R. 5 W, thence South 230 ft. along East line of section, thence West 940.4 ft. to the location. Ground Elev. 6.6

We hereby certify that we staked the above well location as shown, June 16, 1964. F. Shutts' Sons - Civil Engineers

Fred N. Shutts

FRED N. SHUTTS Reg. No. 79

STATE OF LOUISIANA
FRED N. SHUTTS
REGISTER NO. 79
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

RECEIVED
AUG 19 1964
DEPARTMENT OF MINERALS
LAKE CHARLES

GULF OIL CORPORATION

WELL LOCATION-HAYES UNIT 1 - WELL No. 6-D

IN SECTION 19, T. 11 S. - R. 5 W.

JEFFERSON DAVIS PARISH LOUISIANA

Scale:- 1" = 1000'

June 3, 1964

Revised June 16, 1964

F. SHUTTS' SONS - CIVIL ENGINEERS - LAKE CHARLES, LA.

105169

383-06

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

100% water
On Second 1171 (W)
app 9/17

WELL COMPLETION OR RECOMPLETION REPORT

105169

Lake Charles DISTRICT Re: Well Serial No.: ~~Applied For~~

Completed	[X]	Flowing	[X]	Operator: Gulf Oil Corporation
Recompleted	[ ]	Gas-Lifting	[ ]	Well Name: Hayes Unit 1
Oil	[ ]	Pumping	[ ]	Well No.: 6-D, Sec. 19, Twp. 11S, Rge. 5W
Gas	[X]	Shut-In	[ ]	Field Hayes
				Parish Jefferson Davis

Date Completed or Recompleted 8-13-64 at 10:40 (a.m.) (xxxxx)

COMPLETION DATA

Initial Production 145 BOPD ____ Gas Volume 7054 MCF/Day

Tubing Pressure 2960 psig ____ Casing Pressure Packer psig

Choke Size 18/64" Positive ____ Adjustable x B.S.&W. 8.0 %

Gas/Oil Ratio 48649 CF/Bbl. ____ Gravity m 52.3 at 60° A. P. I.

Producing Depth: From 9532 Ft. to 9542 Ft. T. D. 10450 Ft.

Name of Producing Sand: Heterostegina Sand

*New Pool *Old Pool List Reason(s) for Pool Classification ____

Previous Production

*As Defined in Statewide Order No. 29-H.

Additional clearance is requested for ____ barrels of oil produced on drill stem or other production tests (See Section X, Paragraph B of Order No. 29-B on reverse side).

Three (3) copies to be filed with the District Office within three (3) days of date of completion or recompletion (as per Order 29-B, Section X, Paragraph A, Article 1).

I hereby certify that the above information is true and correct to the best of my knowledge.

DISTRICT MANAGER ONLY

29-E Compliance - Yes ____ No ____
29-E Unit Attached - Yes ____ No ____
DATE: ____

GULF OIL CORPORATION
COMPANY

R. F. Bronte
COMPANY REPRESENTATIVE

Area Engineer
TITLE

RECEIVED
AUG 21 1964
DEPARTMENT OF MINERALS
LAKE CHARLES

Form - Comp.

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

> All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

TEST DATA

Date of Test	Time of Test	Amount of Oil Produced
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels

TOTAL _____ BARRELS

The above total barrels of oil were produced from _____ Ft. to _____ Ft.

Remarks: _____

_____

COMPANY

(Signed) COMPANY REPRESENTATIVE

From - Comp.

Gulf Oil Corporation

LAFAYETTE PRODUCTION AREA

P. O. Box 1327
Oil Center Station
Lafayette, Louisiana

August 18, 1964

Department of Conservation
P. O. Box 1767
Lake Charles, Louisiana

Re: Hayes Unit 1, Well #6
Hayes Field
Jefferson Davis Parish

Gentlemen:

Attached is J. H. Shuman "Special Account" Check No. 971 dated August 18, 1964, in the amount of $125.00 furnished to cover fee for permit to Dually Complete the subject well which was drilled by authority of Permit #88196 bearing Serial No. 103174 dated June 11, 1964.

Also attached are Department of Conservation Form MD-10-R, in duplicate, and plats, in triplicate, showing the location and other pertinent data regarding this well. In compliance with Department of Conservation Order No. 29-C, Form A.D.C.-1, in duplicate, and Electric Logs, in triplicate, of the subject well are submitted.

We wish to produce this well from the Heterostegina Sand from 9532' to 9542' and from the Marginulina Howeii Sand from 10327' to 10342'.

Should the Department of Conservation find our request in order, please mail permit, Form MD-13-R, to the undersigned, P. O. Box 1327 OCS, Lafayette, Louisiana.

Yours very truly,

R. F. Bronte

R. F. Bronte - Area Engineer

WRM/vg

Attachments

RECEIVED
AUG 19 1964
DEPARTMENT OF MINERALS
LAKE CHARLES

State of Louisiana

DEPARTMENT OF CONSERVATION

Inter Office

Date: 8/19/64

To: Baton Rouge Office

From: Lake Charles District

Att'n: Fritz Spencer

Enclosed herewith please find application from Gulf Oil Corporatinn

for permit to dual their

Hayes Unit #1 No. 6-D Zone: Het & Marg. Howel,

Hayes Field, Jefferson Davis Parish.

Also enclosed please find:

Check No. 971 in the amount of $ 125.00

Well Location Plat xxx

Well Location Certification xxx

Form A. D. C. xxx

Electric Log * xxx

Schematic Diagram xxx

Applicable Department of Conservation Order No. 29-B,C,&E Pending Hearing Docket No.

Remarks & Recomendations:

Recommend approval. Routine dual completion application.

Yours very truly,

By: _____

District Manager
W. C. WILHITE

cc: Geological Survey *

WCW:jt

LT-1

DEPARTMENT OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO.: 105169

PRODUCING INTERVAL: 9532' - 9542'

RESERVOIR (COMPANY SAND IDENTIFICATION): Heterostegina Sand

Three typewritten copies of this report must be filed with the District Office of the Department of Conservation in which the well is located within twenty (20) days of the date of completion or recompletion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

DESIGNATE TYPE OF COMPLETION: NEW WELL [X] RECOMPLETION [ ] SAME RESERVOIR [ ] DIFFERENT RESERVOIR [ ] OIL [ ] GAS [X] P&A [ ]

OPERATOR: Gulf Oil Corporation	ADDRESS: Box 1327 OCS, Lafayette, Louisiana
LEASE NAME: Hayes Unit 1	WELL NO.: 6-D
PARISH: Jefferson Davis	SEC. 19 TWP. 11S RGE. 5W
DATE PERMIT ISSUED: 9-17-64	
DATE SPUDDED: 7-2-64	TOTAL DEPTH: 10450'
PBTD: 10406'	
GROUND ELEVATION:	CASING HEAD FLANGE ELEVATION:
DISTANCE FROM RKB TO CHF:	
DATE WELL TURNED INTO TANKS: Waiting on Sales Line	SINGLE, DUAL OR TRIPLE COMPLETION?: Dual
NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION	
WAS WELL DIRECTIONALLY DRILLED?: No	WAS DIRECTIONAL SURVEY MADE?: No
WERE 3 COPIES FILED WITH THE DEPARTMENT OF CONSERVATION?	DATE FILED:
TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH DEPT. OF CONSERVATION): Schlumberger Sonic	DATE FILED: 8-18-64

CASING, LINER AND TUBING RECORD

CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET	SACKS CEMENT	TEST PRESSURE	HRS. UNDER PRESSURE	DATE TESTED	NAME OF TEST WITNESS - STATE IF DEPT. AGENT OR OFFSET OPR.
16"	Drive	Pipe	69'					
10-3/4	15"	40.5	3055	1000	1900	1/2	7-4-64	W.A.Blasingame
7"	9-7/8"	29.0	9997	1000	2000	1/2	7-20-64	W.A.Blasingame
(5"	6"	18.0	10450'-	150			7-26-64	
Liner)			9751'					

TUBING SIZE: 2-3/8" DEPTH OF TUBING: 9470.40 DEPTH OF PACKER (S): 10192' (Top of Packer)

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	CHOKE SIZE	WELL STATUS
145 BOPD	7054 MCF/DAY	18/64	Flowing

TUBING PRESSURE	CASING PRESSURE	GOR	BS & W	BHP - (SHUT-IN)
2960 psig	Packer psig	48649/1	8.0 %	5159 psi

GRAVITY	CONSERVATION AGENT MAKING GAUGE	COMPANY REPRESENTATIVE	DATE GAUGED
52.3 °API@60°F	- -	J.H. Graham	8-13-64

PLUG AND ABANDON (P&A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS - STATE IF DEPT. AGENT OR OFFSET OPR.

CERTIFICATE: I, the undersigned, state: That I am employed by Gulf Oil Corp. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: [illegible] Title: Area Engineer

Form WH

RECEIVED
OCT 23 1964
DEPARTMENT OF MINERALS
LAKE CHARLES

WORK RESUME

List below all work performed under Department of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
LC #267	7-27-64	McCullough	Perforate 9532' to 9542'

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt tops and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Sq. & Perf.
L. C. #154

WORK PERMIT

PERMIT TO Sq. & Perf. DATE Nov. 9, 1964
PARISH Jeff. Davis FIELD Hayes
COMPANY Gulf Oil Corp.
ADDRESS Box 1327 OCS, Lafayette, La.
WELL NAME Hayes Unit #1 No. 6-D SEC 19 T. 11SR 5W
WELL PERMIT SERIAL No. 105169 WORK PERMIT No.
LOCATION

YOU ARE HEREBY AUTHORIZED TO Squeeze off perf. 9532 to 9542' and perf. 8994 to 9000'.

TD 10450'

PERMIT REQUESTED BY R. F. BROWN
Company Representative

AUTHORIZED BY William
WILLIAM C. WILHITE
District Office Lake Charles, La.

Form DM-4R

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

mp 12/22
adv 12/8/64
Plats attached
WO Pot
~~Hawn~~
UG Nom 2500 day
eff 11/28

WELL COMPLETION OR RECOMPLETION REPORT

Lake Charles DISTRICT Re: Well Serial No.: 105169

Completed	[ ]	Flowing	[x]	Operator: Gulf Oil Corporation
Recompleted	[x]	Gas-Lifting	[ ]	Well Name: Hayes Unit #1
Oil	[ ]	Pumping	[ ]	Well No.: 6-D, Sec. 19, Twp. 11S, Rge. 5W
Gas	[x]	Shut-In	[ ]	Field Hayes
				Parish Calcasieu

Date Completed or Recompleted 11-23-64 at 2:00 (~~a.m.~~) (p.m.)

COMPLETION DATA

Initial Production 72 BOPD ____ Gas Volume 5500 MCF/Day

Tubing Pressure 3320 psig ____ Casing Pressure Packer psig

Choke Size 14/64" Positive ____ Adjustable x B.S.&W. 0 %

Gas/Oil Ratio 76400 CF/Bbl. ____ Gravity 56.4 at 60° A. P. I.

Producing Depth: From 8994 Ft. to 9000 Ft. T. D. 10450 Ft.

Name of Producing Sand: 2nd Discorbis

*New Pool *Old Pool List Reason(s) for Pool Classification ____

Previously Penetrated

*As Defined in Statewide Order No. 29-H.

Additional clearance is requested for ____ barrels of oil produced on drill stem or other production tests (See Section X, Paragraph B of Order No. 29-B on reverse side).

Three (3) copies to be filed with the District Office within three (3) days of date of completion or recompletion (as per Order 29-B, Section X, Paragraph A, Article 1).

I hereby certify that the above information is true and correct to the best of my knowledge.

DISTRICT MANAGER ONLY

29-E Compliance - Yes ____ No ____
29-E Unit Attached - Yes ____ No ____
DATE: ____

Gulf Oil Corporation
COMPANY

R. F. Bronte
COMPANY REPRESENTATIVE

Area Engineer
TITLE

LAKE CHARLES

Form - Comp.

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

> All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

TEST DATA

Date of Test	Time of Test	Amount of Oil Produced
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels

TOTAL _____ BARRELS

The above total barrels of oil were produced from _____ Ft. to _____ Ft.

Remarks: _____

_____

COMPANY

From - Comp.

(Signed) COMPANY REPRESENTATIVE

POTENTIAL REPORT

Type Well: Oil _____ Gas X Distillate _____

Type Test: Comp. X Recomp. _____ Retest _____ Regauge _____

Parish Jeff Davis Field Hayes

Company Gulf Oil Corp. Serial No. 105169

Well Name & No. Hayes Unit #1, Well 6-D

Location: Sec. 19 Twp. 1S Rge. 5W Flowing ✓ Pump _____

Prod. ~~Horizon~~ 2nd Dicarbic Perf. Int. 8994 to 9000

~~Casing~~ LINER Setting: Size 5" 18# @ 10,450

Tubing Setting: Size 2" @ 8931 T.D. 10,450

Date Completed 11/23/64 Date Gauged 1/12/65 In tanks 1/7/65

Acidize with _____ gals. Elev. of Derr. Floor _____

—— TEST DATE ——

T. P. 3500 C. P. 0 Choke Size Reg. /64th

Closing TK Gge. Metered 15 BBls in. @ 5 Time

Opening TK Gge. 1 BBls in. @ 1 Time

Diff. _____ ft. 14 BBls in. 4 Hours (Time)

Tank No. Metered Tank Coef. —

Bbls. per 14 Hrs. 4 Est. Bbls. per Day 84 net

Daily Gas Vol. 5500 M.C.F. G/O Ratio 65476

B.S.&W. 7 % Corrected Gravity 56.4 Deg. A.P.I.

Witnessed J. H. Grafy Title _____

Gauged by Roland L. Romero Title _____
Department of Conservation

District Office Lake Charles

Remarks: 4x2" 840#/53"

05-75

Form S D M-2

20M 2-62 T.J.M.

Work Permit

STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

Well Name & No. Hayes Unit 1 No. 6-D Sec. 19 T 11S R 5W

Field Hayes Parish Calcasieu

Permit Serial No. 105169 Work Permit No. 757-71

Description of Work Cement squeeze perforations 8994-9000'.

Sand & Reservoir To Be Tested - TD 10,450

Operator Gulf Oil Corporation

Address P. O. Box 51327

City, State & Zip Lafayette, Louisiana 70501

Permit Requested By R. F. Bronte Date 7-14-71

R.F.Bronte

Permit Authorized By [illegible] District L.C. Date 7/19/71

See Instructions On Reverse Side

Form DM-4R Rev.

INSTRUCTIONS

A single application will suffice for one, or combinations of, the below operations provided that if more than one operation is requested on one form, such work must be performed consecutively.

If additional applications for Work Permits are necessary on any one well, each should be numbered 1, 2, etc. in the order requested. An original and one copy of this form will suffice for all work with exception of plug and abandon, for which an original and three copies are required.

1. Abandon (Plug & Abd)
2. Deepen
3. Perforate
4. Squeeze
5. Plugback
6. Sidetrack
7. Pull Casing
8. Change Zone of Selective Completion
9. Drill Salt Water Disposal Well
10. Convert to Salt Water Disposal Well
11. Drill Product Storage Well

DEPT. OF CONSERVATION
JUL 15 1971
LAKE CHARLES

NOTICE: To perform any of the above, as well as any other possible operations in Louisiana, without first obtaining a Permit is an infraction of the law and subject to prosecution.

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO.: 105169

PRODUCING INTERVAL: 8994'-9000' (Disc 2B) Squeezed

RESERVOIR (COMPANY SAND IDENTIFICATION): ------

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES

- [ ] NEW WELL
- [ ] RECOMPLETION
- [ ] P & A
- [ ] 31 INACTIVE DRY HOLE FUT. UTIL.
- [X] 32 INACTIVE DRY HOLE NO FUT. UTIL.
- [ ] 36 INACTIVE WAITING ON PIPELINE
- [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT: [ ] OIL [ ] GAS [X] OTHER

IF RECOMPLETION: [ ] SAME RESERVOIR [ ] DIFFERENT RESERVOIR

DATE COMP., RECOMP., OR P & A (M. D Y): 7-23-71

OPERATOR	CODE	ADDRESS
Gulf Oil Corporation	2264	P. O. Box 51327 Lafayette, LA 70505

WELL NAME	WELL NO.
VUA; Hayes Unit 1	6-D

PARISH	SEC.	TWP.	RGE.	DATE PERMIT ISSUED
Jefferson Davis	19	11S	5W	7-19-71

DATE SPUDDED (M D Y)	DATE READY TO PRODUCE*	TOTAL DEPTH	PBTD.
7-2-64	-	10,450'	10,406'

GROUND ELEVATION	CASING HEAD FLANGE ELEVATION	DISTANCE FROM RKB TO CHF
NA	NA	NA

DATE WELL TURNED INTO TANKS	SINGLE, DUAL OR TRIPLE COMPLETION?	NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION
-	Dual	

WAS WELL DIRECTIONALLY DRILLED?	WAS DIRECTIONAL SURVEY MADE?	WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?	DATE FILED
No	No	---	-------

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION)	DATE FILED
Schlumberger Sonic	8-18-64

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101										
102			Same	as drill						
103										
104										
105										

TUBING SIZE: ------ DEPTH OF TUBING: ------- DEPTH OF PACKER(S): ---------

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	GOR	CHOKE SIZE	PRODUCING METHOD
------ BOPD	--------- MCF/DAY	------- CF/BBL	---- /64"	------

FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE	WATER PRODUCTION	BS&W
------ psig	------- psig	------	------ BPD	------- %

GRAVITY	BHP (SHUT-IN)	COMPANY REPRESENTATIVE	DATE GAUGED
----- °API@60° F	-------- psig	----------	--------

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state: That I am employed by Gulf Oil Corp. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: M. R. Martel for R. H. Charitat Title: Area Engineer

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc., the well has been shut-in.

FORM WH-1 (1-70)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
759-71	7-8-71 7-10-71	Halliburton -------	Cement squeeze perf. 8994' - 9000'. Tubing pulled & recompleted as a single. Well #6 producing.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

CONSERVATION DEPT.
JUL 2 - 198
LAKE CHARLES

FORM MD-15-R

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION

DISTRICT OFFICE COPY

NO. A-C

AMENDED PERMIT (Corrected)

Amend Well Name

AMENDED PERMIT TO DRILL FOR MINERALS (CORRECTED)

Serial No. 105169 Date February 15, 1973

Parish Jefferson Davis Field Hayes

Operator Gulf Oil Corporation

Address P.O. Box 51327

City & State Lafayette, Louisiana 70501

Well Name VU A; Hayes U 1 * No 6-D

Location of Well: Sec. 19 T 11S R 5W

Location Same

*Formerly: Hayes Unit #1

DEPT. CONSERVATION

FEB 20 1973

LAKE CHARLES

Zone or Reservoir of Proposed Completion

Applicable Department of Conservation Order

COMMISSIONER

ISSUING AUTHORITY

PA-35
Rev.8/11/78

STATE OF LOUISIANA
OFFICE OF CONSERVATION

NOTIFICATION OF TEMPORARILY INACTIVE WELL TO BE OMITTED FROM MONTHLY PRODUCTION REPORTS

Conservation District Lake Charles Code No. 31

Field Hayes Code No. 4439

Operator Gulfoil Corp. Code No. 2264

Well Name V U A. Hayes Unit Code No. 1855

Well No. 6-D Serial No. 105169

Authorized Transporter Western Cruse Oil, Inc.

Form R-4 Approval Date August 18, 1969

Well Classification -- Oil ____ Gas ✓

____ This is the only well that we operate in this field and our name should be removed from your check list.

✓ We have other producing wells in this field.

I certify that the above well has become temporarily inactive since production reported for the month of Dec 1969, with no stock remaining on hand and request cancellation of the Form R-4, Operator's Certificate of Compliance and Authorization to Transport Oil from Lease.

Executed this the 12 day of July, 19 82

Gulfoil Corp. (Company or Operator) for M. R. Mertel R. H. Charitat (Affiant) Area Engineer (Title)

INSTRUCTIONS

Complete the above form in triplicate. Mail original and one copy to Office of Conservation, Oil and Gas Division, P. O. Box 44275, Capitol Station, Baton Rouge, Louisiana 70804 to the attention of Production Audit Section. Mail second copy to the appropriate Conservation District Manager.

If additional copies of this form are needed, please send your request to the above address to the attention of Administrative Services Section, specifying number needed.

DEPARTMENT OF NATURAL RESOURCES

MEMORANDUM

May 15, 1991

TO: MARIE GILCREASE, Well Status Section

FROM: GERARD LEBLANC, Manager, Lafayette District Office

SUBJECT: UPDATE OF STATUS CODES
LAFAYETTE DISTRICT OFFICE

Please amend the status codes on the following wells as indicated below:

JENNINGS FIELD - ACADIA PARISH

Chevron Arnaudet #005D (Serial #144601) ST: 22 TO: 30
effective 11-2-87 *NOTE: An operator change and well name change is being filed with the PERMIT SECTION on this well (copy attached) [PLUG AND ABANDON REPORT ATTACHED]

HAYES FIELD - JEFFERSON DAVIS PARISH

VUA;Hayes U1 #6D (Serial #105169) ST: 22 TO: 30
effective 5-12-80 [plug and abandon report and WH attached]

DEEP LAKE FIELD - CAMERON PARISH

14900 SUA;SL 2353 #2D (Serial #097750) ST: 22 TO: 30
effective 5-21-84 [plug and abandon report and WH attached]

WEEKS ISLAND FIELD - IBERIA PARI

Provost-Cyr Unit #6D (Serial #074691) ST: 22 TO: 30
effective 4-23-75 [plug and abandon report attached]
Well History attached

Provost Cyr Unit #7D (Serial #075986) ST: 22 TO: 30
effective 1-27-66 [plug and abandon report attached]

GEL:jcl

Encls.

cc: Kate Craig/Well Files - Baton Rouge, La.

cc: F J Boudreaux, Petr Engr Div Mgr - Baton Rouge, La.

WELL FILES

Well Name & No. VUA; Hayes Unit #6 D Sec. 19 T 11S R 5

Field Hayes Parish Jeff Davis

Well Serial No. 105169 Work Permit No. 282-80

Description of Work Spot 315' cmt. plug 200' above upper perfs. Top of plug @ 8740', spot cmt. plug 3156'-2956', spot 30' plug to surface. Cut csg. below plow depth and weld plate on top to P. A.

Sand & Reservoir To Be Tested TD 10,450

Operator Gulf Oil Corporation

Address P. O. Box 51327, O.C.S.

City, State & Zip Lafayette, LA 70505

Permit Requested By E. H. Sheffield Date 3/17/80

Permit Authorized By District L. C. Date 3/18/80

See Instructions On Reverse Side Form DM-4R Rev.

OFFICE OF CONSERVATION

PLUG AND ABANDON REPORT

WORK PERMIT NO. 282-80 WELL SERIAL NO. 105169

DATE WORK FINISHED (MM-DD-YY) 5/12/80

Lake Charles DISTRICT

(Three Copies to be Filed with the District Office)

NOTE: This Report Will Be Returned If Not Properly Completed And Signed.

Field Hayes Parish Jeff. Davis Sec. 19 Twp. 11-5 Rge. 5-W

Operator Gulf Oil Co. CODE Well Name VUA; Hayes Unit-1 Well No. 6D

Total Depth 10,450 Condition of Well Depleted

CHECK APPROPRIATE BOX:

☐ 29 DRY HOLE

☒ 30 FORMERLY PRODUCTIVE WELL

	CASING SIZE	AMOUNT PULLED	CEMENT PLUGS			
			FROM	TO	SACKS	HOW PLACED
301	10 3/4	none	Squeeze perf.	9152-60 w/	30	Seaboard - Pump
302	7"	3066'	7700'	7500'	40	Seaboard - Pump
303	tubing	7700'	3166'	2960	80	Seaboard - Pump
304			35'	5'	15	" "

Mud Record: Weight 10 SW. Viscosity

Remarks: Cut 10 3/4 pipe 4' below ground level and weld 1/2 steel plate on top. Verified plugs #2 & #3 By Tagging w/ pipe

This work was done according to the Rules and Regulations of the Office of Conservation.

WITNESS

Gulf Oil Corporation
OPERATOR

P&A by Seaboard Well Service, Inc.
LeeRoy Belaire
(Signed) REPRESENTATIVE

Form P & A (1-78)

P

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO: 105169

PRODUCING INTERVAL: —

RESERVOIR (COMPANY SAND IDENTIFICATION): Plug and Abandon

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES: [ ] NEW WELL [ ] RECOMPLETION [X] P & A

[ ] 31 INACTIVE DRY HOLE PUT UTIL [ ] 32 INACTIVE DRY HOLE NO PUT. UTIL. [ ] 36 INACTIVE WAITING ON PIPELINE [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT: [ ] OIL [ ] GAS [X] OTHER

IF RECOMPLETION: [ ] SAME RESERVOIR [ ] DIFFERENT RESERVOIR

DATE COMP., RECOMP. OR P & A (M D Y): 5/12/80

OPERATOR: Gulf Oil Corporation — CODE: 2264 — ADDRESS: P. O. Box 51327, Lafayette, LA 70505

WELL NAME: VUA; Hayes U1 — WELL NO: 6D

PARISH: Jefferson Davis — SEC 19 TWP. 11S RGE. 5W — DATE PERMIT ISSUED: 3/18/80

DATE SPUDDED (M D Y): 7/2/64 — DATE READY TO PRODUCE*: — — TOTAL DEPTH: 10,450 — PBTD.:

GROUND ELEVATION: 9.47 — CASING HEAD FLANGE ELEVATION: 9.47 — DISTANCE FROM RKB TO CHF: 16.2

DATE WELL TURNED INTO TANKS: — — SINGLE, DUAL OR TRIPLE COMPLETION? Single — NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED? — — WAS DIRECTIONAL SURVEY MADE? — — WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION? — — DATE FILED: — —

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION): — — DATE FILED: — —

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101										
102										
103										
104										
105										

TUBING SIZE: — DEPTH OF TUBING: — DEPTH OF PACKER(S): 9055'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: — BOPD — GAS VOLUME: — MCF/DAY — GOR: — CF/BBL — CHOKE SIZE: — /64" — PRODUCING METHOD: —

FLOWING TUBING PRESSURE: — psig — SHUT-IN TUBING PRESSURE: — psig — CASING PRESSURE: — — WATER PRODUCTION: — BPD — BS&W: — %

GRAVITY: — °API@60° F — BHP (SHUT-IN): — psig — COMPANY REPRESENTATIVE: — — DATE GAUGED: — —

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR Seaboard Well Svc.
10-3/4	0	Sqz. perf	9152-60	30	Pump	5/12/80	LeeRoy Belaire
7"	3066'	7700	7500	40	Pump	5/12/80	LeeRoy Belaire
		3166	2960	80	Pump	5/12/80	LeeRoy Belaire
		35	5	15	Pump	5/12/80	LeeRoy Belaire

CERTIFICATE: I, the undersigned, state: That I am employed by Gulf Oil Corp. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: E. H. Sheffield — Title: Area Engineer

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc., the well has been shut-in.

* State Inspector unable to be present

FORM OH 1 (1-78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
282-90	5/12/90	Seaboard	Plug and Abandon

List below all Important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

FORM MD-13 R

STATE OF LOUISIANA
DEPT OF CONSERVATION

DISTRICT OFFICE COPY

PERMIT $100 00
Multiple Zone Processing

DUAL COMPLETION---$25.00 DUAL FEE

Send To L.C. 21 Ser. #105169 Date 9/17/64

PERMIT TO DRILL FOR MINERALS

Parish JEFFERSON DAVIS Field HAYES

Operator GULF OIL CORPORATION
Address P.O. BOX 1327
City & State LAFAYETTE, LOUISIANA --- OCS
Well Name HAYES UNIT #1 NO. 6-D
Location SEC. 19, T11S R5W
250' S ALONG THE E/L & 940.4' W OF THE NE/C OF SEC 19

Serial No P. T. D. 10450'
Zone or Reservoir of Proposed Completion HETEROSTEGINA SAND
Applicable Department of Conservation Order 29C

COMMISSIONER ISSUING AUTHORITY

89400

SCHLUMBERGER INDUCTION-ELECTRICAL LOG
SCHLUMBERGER WELL SURVEYING CORPORATION
Houston, Texas

COUNTY JEFFERSON DAVIS
FIELD or SOUTH HAYES
LOCATION SEC: 19-11S-5W
WELL HAYES UNIT #1 WELL 6
COMPANY GULF OIL CORP.

COMPANY GULF OIL COMPANY
WELL HAYES UNIT NO. 1 WELL NO. 6
FIELD SOUTH HAYES
COUNTY JEFFERSON DAVIS STATE LOUISIANA
LOCATION 330'S ALONG E LINE & 660' W OF NE/C OF SEC.
Sec. 19 Twp. 11S Rge. 5W
Other Services: SL, FDL, CST
PER. # 88196
SER. #103174

Permanent Datum: B.H.F., Elev.
Log Measured From 1'/ROT 16.10 Ft. Above Perm. Datum
Drilling Measured From SAME
Elev.: K.B. 16.10
D.F. 15.10
G.L. NA

Date	7-16-64	7-24-64	7-25-64
Run No.	1	2	3
Depth—Driller	10000	10350	10450
Depth—Logger	10003	10352	10431
Btm. Log Interval	10002	10351	10450
Top Log Interval	3059	10000	10351
Casing—Driller	3055	9998	10000
Casing—Logger	3059	10000	9998
Bit Size	9-7/8"	6"	6"
Type Fluid in Hole	UNICAL SYNERGIC	6% OIL	
Dens. / Visc.	13.0 / 53	16.5 / 57	16.5 / 53
pH / Fluid Loss	8.5 / 2.3 ml	9.0 / 2.4 ml	9.0 / 2.5 ml
Source of Sample	PIT	PIT	FLOWLINE
R_m @ Meas. Temp.	0.79 @ 90 °F	1.05 @ 86 °F	0.98 @ 96 °F
R_{mf} @ Meas. Temp.	0.58 @ 90 °F	0.81 @ 86 °F	0.74 @ 96 °F
R_{mc} @ Meas. Temp.	1.16 @ 90 °F	1.50 @ 86 °F	1.48 @ 96 °F
Source: R_{mf} / R_{mc}	C / C	C / C	C / C
R_m @ BHT	0.37 @ 188 °F	0.43 @ 210 °F	0.45 @ 210 °F
Time Since Circ.	4 HRS	4 HRS	3 HRS
Max. Rec. Temp.	188 °F	210 °F	210 °F
Equip. / Location	2569 / LCT	2569 / LCT	4533 / LCT
Recorded By	SIMMONS	MASON	SIMMONS
Witnessed By	LAAS-PATTERSON	PATTERSON	PATTERSON

FOLD HERE LW

REMARKS

Changes in Mud Type or Additional Samples
Date | Sample No.
Depth—Driller
Type Fluid in Hole
Dens. | Visc.
ph | Fluid Loss ml
Source of Sample
R_m @ Meas. Temp. @ °F @ °F
R_{mf} @ Meas. Temp. @ °F @ °F
R_{mc} @ Meas. Temp. @ °F @ °F
Source: R_{mf} | R_{mc}
R_m @ BHT @ °F @ °F
R_{mf} @ BHT @ °F @ °F
R_{mc} @ BHT @ °F @ °F

Scale Changes
Type Log | Depth | Scale Up Hole | Scale Down Hole

LSN4312050000103174

Equipment Data
Run No. | Tool Type | Tool Position | Other

Run No.:	1 IAP-D-118	2 IAP-118	3 IAP-D-95
C.D.:	YES	NO	NO
S.O.:	1.5"	0	0
Equip. Used: CART. No.:	D-205	F-175	D-96
PANEL No.:	F-283	F-283	F-292
SONDE No.:	M-130	M-130	M-108
S.B.R.:	0.5	0.5	0.5

SPONTANEOUS POTENTIAL millivolts	DEPTHS	RESISTIVITY ohms - m²/m	CONDUCTIVITY millimhos/m = 1000 / ohms-m²/m
20 — |↔| +		0 A-16"-M SHORT NORMAL 2; 0 10	6FF40 INDUCTION 4000 0
		0 HIGH SCALE 100	8000 4000
		40" INDUCTION 0 10	

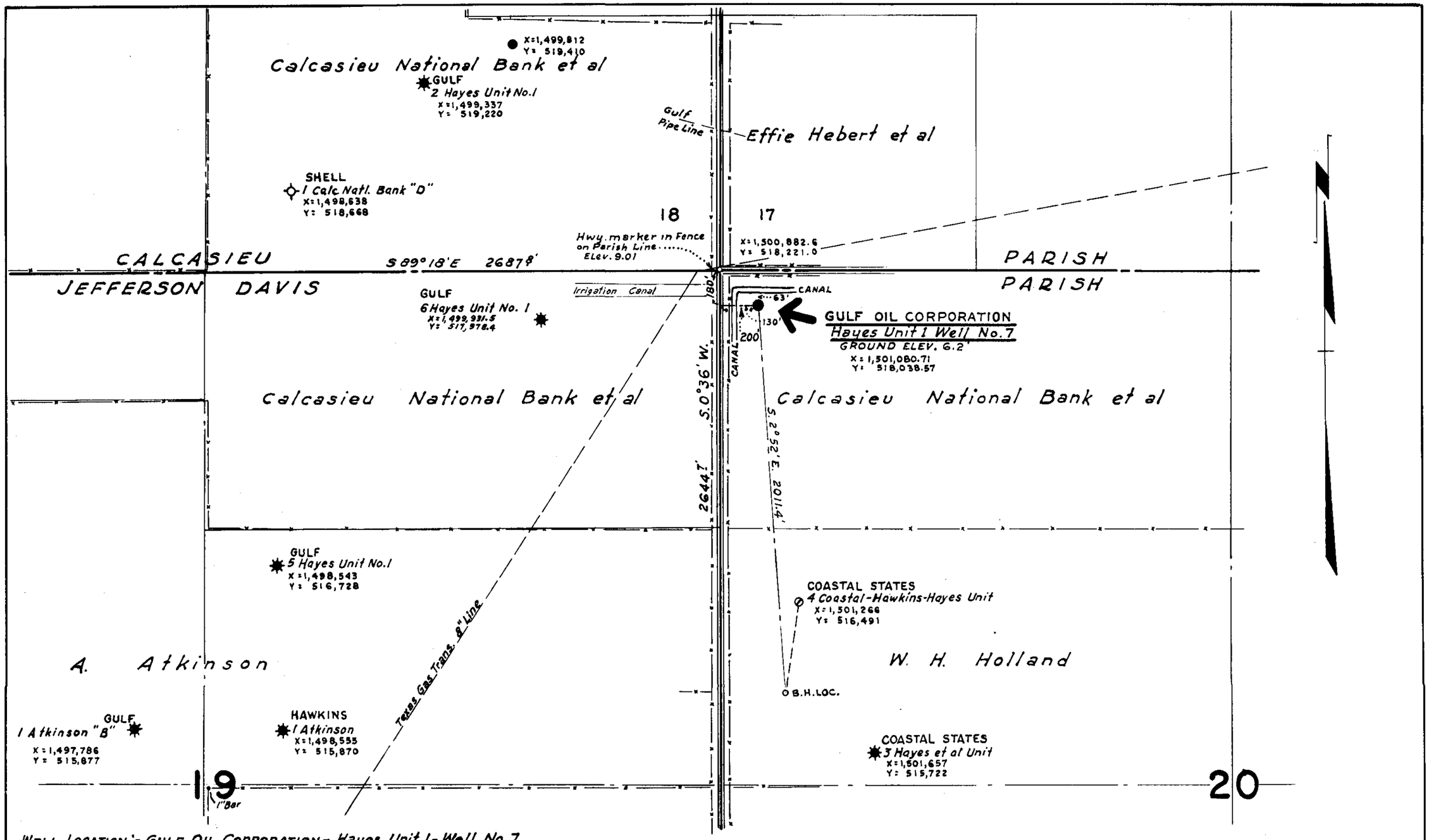
		0 A-16"-M SHORT NORMAL 2; 0 10	FF40 INDUCTION 4000 0
		0 HIGH SCALE 100	8000 4000
20 — |↔| +		40" INDUCTION 0 10	
		0 HIGH SCALE 100	
SPONTANEOUS-POTENTIAL millivolts	DEPTHS	RESISTIVITY ohms - m²/m	CONDUCTIVITY millimhos/m = 1000 / ohms-m²/m

COMPANY GULF OIL COMPANY
WELL HAYES UNIT NO. 1 WELL NO. 6
FIELD SOUTH HAYES
COUNTY JEFFERSON DAVIS STATE LOUISIANA

SWSC FR 10450
SWSC TD 10431
DRLR TD 10450
Elev:
KB NA
DF NA
GL NA

DETAIL LOG
5"=100'

SPONTANEOUS-POTENTIAL millivolts	DEPTHS	RESISTIVITY ohms - m²/m	CONDUCTIVITY millimhos/m = 1000 / ohms-m²/m
20 — |↔| +		0 A-16"-M SHORT NORMAL 2; 0 10	6FF40 INDUCTION 4000 0
		0 HIGH SCALE 100	8000 4000
		40" INDUCTION 0 10	



WELL LOCATION:- GULF OIL CORPORATION - Hayes Unit 1 - Well No. 7

Beginning at the Northwest corner of section 20, T. 11 S., R. 5 W., thence S. 0°36' W. 180 ft. along the West section line; thence S. 89°18' E. 200 ft. to location. Ground Elev. 6.2'

X = 1,501,080.71 - Y = 518,038.57

We hereby certify that we staked the above well location as shown, March 17, 1969. F. Shutts' Sons - Civil Engineers.

008458 128241

Fred N. Shutts
FRED N. SHUTTS, C.E., LA. REG. No. 79

STATE OF LOUISIANA
FRED N. SHUTTS
No. 79
REGISTERED PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

GULF OIL CORPORATION

WELL LOCATION - HAYES UNIT 1 - WELL No. 7

IN THE NW¼ OF SECTION 20, T. 11 S., R. 5 W.

JEFFERSON DAVIS PARISH, LOUISIANA

Scale:- 1" = 500' March 19, 1969

F. SHUTTS' SONS - CIVIL ENGINEERS - LAKE CHARLES, LA.

008457 128241

Welex DRIFT LOG

COMPANY GULF OIL CO. U.S.
WELL HAYES UNIT 1 WELL #7
FIELD HAYES
County JEFF DAVIS State LA.

COMPANY GULF OIL COMPANY U.S.

WELL HAYES UNIT 1 WELL #7

FIELD HAYES

COUNTY JEFF DAVIS STATE LOUISIANA

Location 150'S & 150'E OF NW/C OF SERIAL #128-241 PERMIT #112114

Other Services: IES DENSITY

Sec. 20 Twp 11S Rge 5W

Permanent Datum BRADEN HEAD FLANGE Elev. ____ Elev.: K.B. ____
Log Measured From T.K.B. 22.40' Ft. Above Perm. Datum D.F. ____
Drilling Measured From TOP KELLY BUSHING G.L. ____

Date	5-19-69			
Run No.	ONE			
Depth—Driller	10022'			
Depth—Welex	10039'			
Btm. Log Inter.	10034'			
Top Log Inter.	2561'			
Casing—Driller	10 3/4@2564'	@	@	@
Casing—Welex	2561'			
Bit Size	9 7/8"			
Type Fluid in Hole	3%OIL, LIGNO SULPURNATE			
Dens. ‖ Visc.	12.9 ‖ 43	‖	‖	‖
pH ‖ Fluid Loss	9.5 ‖ 6.3 ml	‖ ml	‖ ml	‖ ml
Source of Sample	MUD TANK			
R_m @ Meas. Temp.	1.74 @ 118°F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	1.60 @ 76°F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	2.70 @ 76°F	@ °F	@ °F	@ °F
Source R_{mf} R_{mc}	MEAS ‖ MEAS	‖	‖	‖
R_m @ BHT	0.90 @ 220°F	@ °F	@ °F	@ °F
Time Since Circ.	8 HOURS			
Max. Rec. Temp.	220°F @ T.D.	°F @	°F @	°F @
Equip. ‖ Location	7257 ‖ LAF.	‖	‖	‖
Recorded By	J. E. FAUL			
Witnessed By	MR. BING			

DEPT. CONSERVATION
JUN 23 1969
LAKE CHARLES

Fold Here

MEASURED DEPTH	DRIFT ANGLE	DIRECTION OF DEVIATION	COURSE DEVIATION	TRUE VERTICAL DEPTH	COURSE COORDINATES NORTH	COURSE COORDINATES SOUTH	COURSE COORDINATES EAST	COURSE COORDINATES WEST	TOTAL COORDINATES NORTH	TOTAL COORDINATES SOUTH	TOTAL COORDINATES EAST	TOTAL COORDINATES WEST
				CASING	@ 2561'							
2600	1	N-02-E	.68	2599.99	.67		.02		.67		.02	
2800	1	S-08-E	3.50	2799.95		3.46	.48			2.79	.50	
3000	1 1/4	S-28-E	4.36	2999.91		3.86	2.04			6.65	2.54	
3200	1	S-23-E	3.50	3199.87		3.22	1.36			9.87	3.90	
3400	1/2	S-23-E	1.74	3399.87		1.60	.68			11.47	4.58	
3600	1/4	N-77-E	.88	3599.87	.20		.84			11.27	5.42	
3800	1/4	N-58-W	.88	3799.87	.46			.74		10.81	4.68	
4000	1	N-88-W	3.50	3999.83	.12			3.48		10.69	1.20	
4200	1	S-57-W	3.50	4199.79		1.90		2.92		12.59		1.72
4400	1	S-42-W	3.50	4399.75		2.60		2.34		15.19		4.06
4600	1	S-52-W	3.50	4599.71		2.14		2.76		17.33		6.82
4800	1	S-37-W	2.50	4799.67		2.78		2.10		20.11		8.92
5000	3/4	N-28-W	2.62	4999.65	2.32			1.22		17.79		10.14
5200	1 1/4	N-88-W	4.36	5199.61	.16			4.36		17.63		14.50
5400	1 1/4	N-88-W	4.36	5399.57	.16			4.36		17.47		18.86
5600	1 1/2	N-86-W	5.24	5599.51	.36			5.22		17.11		24.08
5800	1	N-58-W	3.50	5799.47	1.84			2.96		15.27		27.04
6000	1 1/4	N-43-W	4.36	5999.43	3.20			2.98		12.07		30.02
6200	1	N-13-W	3.50	6199.39	3.40			.78		8.67		30.80
6400	1 3/4	N-13-W	6.10	6399.29	5.96			1.38		2.71		32.18
6600	2	N-21-W	6.98	6599.17	6.52			2.50	3.81			34.68
6800	2	N-18-W	6.98	6799.05	6.64			2.16	10.45			36.84
7000	1 3/4	NORTH	6.10	6998.95	6.10			-	16.55			36.84
7200	1 1/4	N-18-W	4.36	7198.91	4.14			1.34	20.69			38.18
7400	1 1/4	N-29-E	4.36	7398.87	3.82		2.12		24.51			36.06
7600	1 1/2	N-23-W	5.24	7598.81	4.82			2.04	29.33			38.10
7800	2	N-57-W	6.98	7798.69	3.80			5.86	33.13			43.96
8000	1 1/2	N-73-W	5.24	7998.63	1.54			5.00	34.67			48.96
8200	1 1/4	N-73-W	4.36	8198.59	1.28			4.18	35.95			53.14
8400	1 1/4	S-43-E	4.36	8398.55		3.20	2.98		32.75			50.16
8600	1	N-53-W	3.50	8598.51	2.10			2.78	34.85			52.94
8800	1 1/2	N-53-W	5.24	8798.45	3.16			4.18	38.01			57.12
9000	1	N-63-W	3.50	8998.41	1.58			3.10	39.59			60.22
9200	3/4	N-88-W	2.62	9198.39	.10			2.62	39.69			62.84
9400	1/2	S-72-W	1.74	9398.39		.54		1.66	39.15			64.50
9600	1/2	S-77-W	1.74	9598.39		.40		1.70	38.75			66.20
9800	0	--	-	9798.39		-		-	38.75			66.20
10000	1/2	S-42-W	1.74	9998.39		1.30		1.16	37.45			67.36
10030	1/2	N-67-E	.25	10028.39	.10		.24		37.55			67.12
				CLOSURE	76.8' N60° 46'W							

LAIDL --- VA.06590

FORM MD 13 R

DISTRICT OFFICE COPY

STATE OF LOUISIANA
DEPT OF CONSERVATION

PERMIT TO DRILL FOR MINERALS

PERMIT $100 00
Multiple Zone Processing

ATT

Send To LAKE CHARLES/31 Date MARCH 27, 1969

Serial No Ser. #128241 API #17055201 26

Parish JEFFERSON DAVIS Field HAYES

Operator GULF OIL CORPORATION

Address P. O. BOX 51327

City & State LAFAYETTE, LOUISIANA 70501

Well Name HAYES UNIT 1 NO. 7

Location SEC. 20, T11S, R5W

BEGINNING AT THE NW COR. OF SECTION 20, THENCE S 0° 36' W 180' ALONG THE WEST SECTION LINE; THENCE S 88° 18' E 200 FEET TO LOC.

P. T. D. 11,500'

Zone or Reservoir of Proposed Completion 2ND CAMERINA & CIBICIDES SANDS

Applicable Department of Conservation Order 28M

COMMISSIONER

ISSUING AUTHORITY

112114

State of Louisiana

DEPARTMENT OF CONSERVATION

Inter Office

Date: 3/21/69

To: Baton Rouge Office

From: Lake Charles District

Att'n: Fritz Spencer

Enclosed herewith please find application from Gulf Oil Corporation for permit to drill their Hayes Unit 1 Well No. 7 Zone: 2nd Cam & Cib, Hayes Field, Jefferson Davis Parish.

Also enclosed please find:

Check No. 2724 in the amount of $ 100.00

Well Location Plat xxx

Well Location Certification xxx

Form A. D. C.

Electric Log

Schematic Diagram

Applicable Department of Conservation Order No. 29-B & E Pending Hearing Docket No.

29E

Remarks & Recomendations:

Recommend approval. Routine.

Yours very truly,

By: William C. Wilhite
District Manager
W. C. WILHITE

cc: Geological Survey
WCW:JT
LT-1

ORM MD 13-R

WELL FILE COPY

STATE OF LOUISIANA
DEPT. OF CONSERVATION

PERMIT TO DRILL FOR MINERALS

PERMIT $100.00
Multiple Zone Processing

ATT

end To LAKE CHARLES/31 Date MARCH 27, 1969

erial No. Ser. #128241 API #1705320126

arish JEFFERSON DAVIS Field HAYES

Operator GULF OIL CORPORATION

Address P. O. BOX 51327

City & State LAFAYETTE, LOUISIANA 70501

Well Name HAYES UNIT 1 NO. 7

ocation SEC. 20, T11S, R5W

BEGINNING AT THE NW COR. OF SECTION 20, THENCE S 0° 36' W 180' ALONG THE WEST SECTION LINE; THENCE S 89° 18' E 200 FEET TO LOC.

one or Reservoir of Proposed Completion P. T. D. 11,500'

pplicable Department of Conservation Order 2ND CAMERINA & CIBICIDES SANDS

29E

COMMISSIONER

ISSUING AUTHORITY

11211

State of Louisiana

J. M. MENEFEE
COMMISSIONER

DEPARTMENT OF CONSERVATION
P. O. BOX 44275 – CAPITOL STATION
BATON ROUGE 70804

March 27, 1969

RE: HAYES UNIT 1 NO 7
HAYES FIELD
JEFFERSON DAVIS PARISH
SERIAL NUMBER 128241

Gulf Oil Corporation
P.O.Box 51327
Lafayette, Louisiana

Gentlemen:

We are issuing "Permit to Drill" for the above referenced well with the understanding that completion cannot be in any pool in which the location does not conform with the provisions of Statewide Order No 29-E.

No allowable will be assigned this well unless in compliance with the above provision.

Very truly yours,

J. M. MENEFEE, Commissioner
DEPARTMENT OF CONSERVATION

BY: _____
J. W. HECKER
Assistant Chief Engineer

FS/mg
cc: Mr. W.C.Wilhite
District Manager
29-E-L

5/19/69

DEPARTMENT OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO.: 128241

PRODUCING INTERVAL: 11499-11504' & 11512-11516'

RESERVOIR (COMPANY SAND IDENTIFICATION): Cibicides

Three typewritten copies of this report must be filed with the District Office of the Department of Conservation in which the well is located within twenty (20) days of the date of completion: NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

DESIGNATE TYPE OF COMPLETION: NEW WELL [X] RECOMPLETION [ ] SAME RESERVOIR [ ] DIFFERENT RESERVOIR [ ] OIL [ ] GAS [X] P&A [ ]

OPERATOR: Gulf Oil Corporation	ADDRESS: P.O. Box 51327 OCS, Lafayette, La. 70501
LEASE NAME: Hayes Unit 1	WELL NO.: 7
PARISH: Jefferson Davis	SEC. 20 TWP. 11S RGE. 5W
DATE PERMIT ISSUED: 3-27-69	
DATE SPUDDED: 5-6-69	DATE READY TO PRODUCE*: 11-17-69
TOTAL DEPTH: 11575'	PBTD.: 11532'
GROUND ELEVATION: 6.2'	CASING HEAD FLANGE ELEVATION: 6.2'
DISTANCE FROM RKB TO CHF: 21.80'	
DATE WELL TURNED INTO TANKS: 11-17-69	SINGLE, DUAL OR TRIPLE COMPLETION?: Single
NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION	
WAS WELL DIRECTIONALLY DRILLED?: No	WAS DIRECTIONAL SURVEY MADE?: Yes
WERE 3 COPIES FILED WITH THE DEPARTMENT OF CONSERVATION?: Yes	DATE FILED: 5-19-69
TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH DEPT. OF CONSERVATION): (IES), Radioactivity, Density, (Drift)	DATE FILED: 6-11-69

CASING, LINER AND TUBING RECORD

CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED	NAME OF TEST WITNESS-STATE IF DEPT. AGENT OR OFFSET OPERATOR
16"	--	--	98'	Driven				
10 3/4"	15	40.5	2,564'	1006	1500	½	5-9-69	V. G. Tillmon
7"	9 7/8	23 &26	10,015	1120	5000	½	5-23-69	V. G. Tillmon
5"	6 1/8	18	11,575	386	1000	½	6-23-69	J. Doughty

TUBING SIZE: 2 3/8" DEPTH OF TUBING: 11400' DEPTH OF PACKER(S): 11400'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	CHOKE SIZE	WELL STATUS
4.8 BOPD	1350 MCF/DAY	Adj.	Flowing

TUBING PRESSURE	CASING PRESSURE	GOR	BS & W	BHP - (SHUT-IN)
1250 psig	-- psig	28125	2/10 %	-- psi

GRAVITY	CONSERVATION AGENT MAKING GAUGE	COMPANY REPRESENTATIVE	DATE GAUGED
57.2 °API@60°F	Maurice Schmitt	H. L. Gauthier, Jr.	11-19-69

PLUG AND ABANDON (P&A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF DEPT. AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state: That I am employed by Gulf Oil Corp. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Form WH Signature: R. H. Bronte Title: Area Engineer

* Date well is equipped to produce, but due to no available market, no pipe line connection, etc.; the well has been shut-in.

DEPT. CONSERVATION
DEC 3 1969
LAKE CHARLES

WORK RESUME

List below all work performed under Department of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
LC # 87	6-16-69	Go, Inc.	Perforated 9894-95', 4 SPF.
	6-16-69	Howco	Squeezed perforations 9894-95 with 200 sacks cement.
LC #222	6-26-69	Mac Jet	Perforated 11499' to 11504' and 11512-16'

RECEIVED
DEPT OF CONSERVATION
PERMIT SECTION

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt tops and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

12/1/69

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

WELL COMPLETION OR RECOMPLETION REPORT

Lake Charles DISTRICT Re: Well Serial No.: 128241

Completed	[ ]	Flowing	[X]	Operator: Gulf Oil Corporation	
Recompleted	[X]	Gas-Lifting	[ ]	Well Name: Hayes Unit 1	
Oil	[ ]	Pumping	[ ]	Well No.: 7, Sec. 20, Twp. 11S, Rge. 5W	
Gas	[X]	Shut-In	[ ]	Field Hayes	
				Parish Jefferson Davis	

Date Completed or Recompleted 12-1-69 at 5:15 (~~a.m.~~) (p.m.)

COMPLETION DATA

Initial Production 19 BOPD Gas Volume 2000 MCF/Day

Tubing Pressure 1450 psig Casing Pressure -- psig

Choke Size Adj. Positive Adjustable B.S.&W. 50 %

Gas/Oil Ratio 105263 CF/Bbl. Gravity 48.5 at 60° A. P. I.

Producing Depth: From 11447 11499 11512 Ft. to 11469 11504 11516 Ft. T. D. 11575 Ft.

Name of Producing Sand: Cibicides

*~~New Pool~~ *Old Pool List Reason(s) for Pool Classification

*As Defined in Statewide Order No. 29-H.

Additional clearance is requested for -- barrels of oil produced on drill stem or other production tests (See Section X, Paragraph B of Order No. 29-B on reverse side).

Three (3) copies to be filed with the District Office within three (3) days of date of completion or recompletion (as per Order 29-B, Section X, Paragraph A, Article 1).

I hereby certify that the above information is true and correct to the best of my knowledge.

DISTRICT MANAGER ONLY

29-E Compliance - Yes ___ No ___
29-E Unit Attached - Yes ___ No ___

DATE: ___

Gulf Oil Corporation
COMPANY

R. B. Brante
COMPANY REPRESENTATIVE

Area Engineer
TITLE

DEC 8 1969

Form - Comp.

W-35

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

> All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

TEST DATA

Date of Test	Time of Test	Amount of Oil Produced
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
	TOTAL	_____ BARRELS

The above total barrels of oil were produced from _____ Ft. to _____ Ft.

Remarks: _____

_____

COMPANY

From - Comp.

(Signed) COMPANY REPRESENTATIVE

Copy

POTENTIAL REPORT

Type Well: Oil _____ Gas ✓ Distillate _____

Type Test: Comp. ✓ Recomp. _____ Retest _____ Regauge _____

Parish Jeff Davis Field Hayes

Company Gulf Oil Corp Serial No. 128241

Well Name & No. Hayes Unit 1 #7

Location: Sec. 26 Twp. 11S Rge. 5W Flowing ✓ Pump _____

Prod. Horizon _____ Perf. Int. 11447 - 11469, 11499 to 11504, 11512 - 11516

Casing Setting: Size _____ @ _____

Tubing Setting: Size _____ @ _____ T.D. _____

Date Completed _____ Date Gauged 12-11-69

Acidize with _____ gals. Elev. of Derr. Floor _____

— TEST DATE —

T. P. 1250 C. P. _____ Choke Size adj /64th

Closing TK Gge. _____ ft. _____ in. @ _____ Time

Opening TK Gge. _____ ft. _____ in. @ _____ Time

Diff. _____ ft. _____ in. _____ Hours (Time)

Tank No. _____ Tank Coef. _____

Bbls. per _____ Hrs. _____ Est. Bbls. per Day 24 net

Daily Gas Vol. 2000 M.C.F. G/O Ratio 83333/1

B.S.&W. .2 % Corrected Gravity 51.2 Deg. A.P.I.

Witnessed _____ Title _____

Gauged by _____ Title _____
Department of Conservation

District Office _____

Remarks: info taken over phone. Gulf was to submit letter. I did not think necessary to get to well to test.

N. Schmitt 05-76
Form S D M-2

Copy

12/1/69

DEPARTMENT OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO.: 128241

PRODUCING INTERVAL: 11447-69'; 11499-504'; 11512-16'

RESERVOIR (COMPANY SAND IDENTIFICATION): Cibicides

Three typewritten copies of this report must be filed with the District Office of the Department of Conservation in which the well is located within twenty (20) days of the date of completion: NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

DESIGNATE TYPE OF COMPLETION: NEW WELL [ ] RECOMPLETION [X] SAME RESERVOIR [X] DIFFERENT RESERVOIR [ ] OIL [ ] GAS [X] P&A [ ]

OPERATOR: Gulf Oil Corporation	ADDRESS: P. O. Box 51327 - Lafayette, Louisiana
LEASE NAME: Hayes Unit 1	WELL NO.: 7
PARISH: Jefferson Davis	SEC. 20 TWP. 11S RGE. 5W
DATE PERMIT ISSUED: --	
DATE SPUDDED: --	DATE READY TO PRODUCE*: --
TOTAL DEPTH: 11575'	PBTD: 11532'
GROUND ELEVATION: --	CASING HEAD FLANGE ELEVATION: --
DISTANCE FROM RKB TO CHF: --	
DATE WELL TURNED INTO TANKS: --	SINGLE, DUAL OR TRIPLE COMPLETION?: Single
NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION	
WAS WELL DIRECTIONALLY DRILLED?: --	WAS DIRECTIONAL SURVEY MADE?: --
WERE 3 COPIES FILED WITH THE DEPARTMENT OF CONSERVATION?: --	DATE FILED: --
TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH DEPT. OF CONSERVATION): --	DATE FILED: --

CASING, LINER AND TUBING RECORD

CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED	NAME OF TEST WITNESS-STATE IF DEPT. AGENT OR OFFSET OPERATOR
	Same as drill							

TUBING SIZE: 2 3/8" DEPTH OF TUBING: 11400' DEPTH OF PACKER(S): 11400'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	CHOKE SIZE	WELL STATUS
19 BOPD	2000 MCF/DAY	Adj.	Flowing

TUBING PRESSURE	CASING PRESSURE	GOR	BS & W	BHP - (SHUT-IN)
1450 psig	-- psig	105263	50 %	-- psi

GRAVITY	CONSERVATION AGENT MAKING GAUGE	COMPANY REPRESENTATIVE	DATE GAUGED
48.5 °API@60°F	--	H.L. Gauthier, Jr.	12-2-69

PLUG AND ABANDON (P&A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF DEPT. AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state: That I am employed by Gulf Oil Corp. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

DEPT. CONSERVATION

Form WH Signature: R. D. Brooks Title: Area Engineer

DEC 18 1969

LAKE CHARLES

* Date well is equipped to produce, but due to no available market, no pipe line connection, etc.; the well has been shut-in.

WORK RESUME

List below all work performed under Department of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
LC # 412	12-1-69	Schlumberger	Perforated 11447-69' with 4 JSPF.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt tops and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

RECEIVED
DEC 29 1969
DEPT. OF CONSERVATION
PERMIT SECTION

Lake Charles

FORM MD-15-R-C

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION

WELL FILE COPY
Amend Well Name

NO. A-C
AMENDED PERMIT (Corrected)

AMENDED PERMIT TO DRILL FOR MINERALS (CORRECTED)

Serial No. 128241 Date February 15, 1973
Parish Jefferson Davis Field Hayes

Operator Gulf Oil Corporation
Address P.O. Box 51327
City & State Lafaeytte, Louisiana 70501
Well Name VU A; Hayes U 1 * No. 7
Location of Well: Sec. 20 T 11S R 5W
Location Same
*Formerly: Hayes Unit 1

Zone or Reservoir of Proposed Completion
Applicable Department of Conservation Order

R. E. Sutton
COMMISSIONER

F. L. Lawrence
ISSUING AUTHORITY

5/13/77

POTENTIAL REPORT

Type Well: Oil _____ Gas ✓ Distillate _____

Type Test: Comp. _____ Recomp. ✓ Retest _____ Regauge _____

Parish Jeff Davis Field Hayes

Company Gulf Oil Corp. Serial No. 128241

Well Name & No. Hayes Unit. Well #7

Location: Sec. 20 Twp. 11S Rge. 5W Flowing ✓ Pump _____

Prod. Horizon _____ Perf. Int. 10982 to 10995

Casing Setting: Size 5 @ 11532

Tubing Setting: Size 2 3/8 @ 10845 T.D. 11532

Date ~~Completed~~ on line 5-19-77 Date Gauged 5-31-77

Acidize with _____ gals. Elev. of Derr. Floor _____

— TEST DATE —

T. P. 1100 C. P. Pack Choke Size 12 /64th

Closing ~~TK Gge.~~ Meter 34.00 ft. _____ in. @ 9 AM Time

Opening ~~TK Gge.~~ Meter 00.00 ft. _____ in. @ 9 AM Time

Diff. _____ ft. 34.00 in. 24 Hours (Time)

Tank No. Meter Tank Coef. 1.000

Bbls. per 24 Hrs. 34 Est. Bbls. per Day 34 net

Daily Gas Vol. 1,200 M.C.F. G/O Ratio 35284/1

B.S.&W. 60 % Corrected Gravity 50.2 Deg. A.P.I.

Witnessed [illegible] Title _____

Gauged by [illegible] Title Oil & Gas Ins.
Department of Conservation

District Office Lake Charles

Remarks: 540 x 2 1/4 x 1 1/4 x 2"

Flg. Conn.

05-75

Form S D M-2

5/19/77

29-E COMPLIANCE	YES	NO
29-E UNIT ATTACHED	YES	NO

D.O.C. USE ONLY

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

DISTRICT Lake Charles

CODE NUMBERS:

DATE 5-25-77

[1] 1 - ON-SHORE 2 - INTERMEDIATE 3 - OFF-SHORE

27	PARISH	Jefferson Davis
4439	FIELD	Hayes
2264	OPERATOR	Gulf Oil Corp.
128241	WELL NAME	VUA Hayes U-1
	RESERVOIR	Cam 2

SEC. 20 T 11S R 5W

DOC ORDER NO. 29B & 29E

NO. 7 SERIAL NO. 128241

5-19-77 COMPLETION DATE

7:00 TIME [X] AM [ ] PM

IMPORTANT: IS A FORM MD-10-R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES [ ] NO [X]

REMARKS: Plug back same sand

COMPLETION DATA:

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD
[2] 1 - ORIG. COMP. 2 - RE-COMP.	[2] 1 - OIL 2 - GAS 3 - DRY GAS	[2] 1 - YES 2 - NO	[1] 1 - FLOWING 2 - GAS LIFT 3 - PUMPING 4 - SHUT IN

* IF THIS IS A RE-COMPLETION SPECIFY: SAME RESERVOIR [X] DIFFERENT RESERVOIR [ ]

34 BOPD INITIAL PROD.	1.2M MCF/DAY GAS VOLUME	1100 PSIG FLOWING TUBING PRESSURE	-- PSIG SHUT-IN TUBING PRESSURE	-- PSIG CASING PRESSURE

32 /64" CHOKE SIZE [1] 1 - POSITIVE 2 - ADJUST	50 BWPD ~~BS & W~~ %	35,294 CF/BBL GOR	50.2 API AT 60°F GRAVITY

P.B.D.-11133'

PERFORATIONS 10982-86' & 10987-95' TOTAL DEPTH 11575'

CLEARANCE & CERTIFICATION:

ADDITIONAL CLEARANCE IS REQUESTED FOR – BBLS. OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST: (SEE SECTION X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE).

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

SIGNATURE V. T. Jones, Jr.

Gulf Oil Corporation
OPERATOR

Area Production Manager
TITLE

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITHIN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1).

FORM COMP. REV 2-76

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

> All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

TEST DATA

Date of Test	Time of Test	Amount of Oil Produced
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels

TOTAL _____ BARRELS

The above total barrels of oil were produced from _____ Ft. to _____ Ft.

Remarks: _____

_____

OPERATOR

Form - Comp.

(Signed) OPERATOR REPRESENTATIVE

RECEIVED
MAY 31 1977
DEPT. OF CONSERVATION
PERMIT SECTION
BATON ROUGE, LA.

MAY 27 1977

5/19/77

DEPARTMENT OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO.: 128241

PRODUCING INTERVAL: 10982-86 & 10987-95'

RESERVOIR (COMPANY SAND IDENTIFICATION): Cam 2

Three typewritten copies of this report must be filed with the District Office of the Department of Conservation in which the well is located within twenty (20) days of the date of completion: NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

DESIGNATE TYPE OF COMPLETION: NEW WELL [ ] RECOMPLETION [X] SAME RESERVOIR [X] DIFFERENT RESERVOIR [ ] OIL [ ] GAS [X] P&A [ ]

OPERATOR: Gulf Oil Corporation	ADDRESS: P. O. Box 51327 Lafayette, LA 70505
WELL NAME: VUA, Hayes U-1	WELL NO.: 7
PARISH: Jefferson Davis	SEC. 20 TWP. 11S RGE. 5W
DATE PERMIT ISSUED: 3-21-77	DATE SPUDDED: --
DATE READY TO PRODUCE*: 5-19-77	TOTAL DEPTH: 11575'
PBTD.: 11133'	GROUND ELEVATION: 6.2'
CASING HEAD FLANGE ELEVATION: 6.2'	DISTANCE FROM RKB TO CHF: 21.80'
DATE WELL TURNED INTO TANKS: 5-19-77	SINGLE, DUAL OR TRIPLE COMPLETION?: Single
NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION	
WAS WELL DIRECTIONALLY DRILLED?: No	WAS DIRECTIONAL SURVEY MADE?: Yes
WERE 3 COPIES FILED WITH THE DEPARTMENT OF CONSERVATION?: Yes	DATE FILED: 5-19-77
TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH DEPT. OF CONSERVATION): (IES), Radioactive, Density, (Drift)	DATE FILED: 6-11-69

CASING, LINER AND TUBING RECORD

CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED	NAME OF TEST WITNESS-STATE IF DEPT. AGENT OR OFFSET OPERATOR
				SAME AS	DRILL			

TUBING SIZE: 2 3/8" DEPTH OF TUBING: 10852 DEPTH OF PACKER(S): 10861

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	CHOKE SIZE	WELL STATUS
34 BCPD ~~BOPD~~	1.2M MCF/DAY	32/64"	Flowing

TUBING PRESSURE	CASING PRESSURE	GOR	BS & W	BHP - (SHUT-IN)
1100 psig	-- psig	35,294	50 BWPD	300 calc psi

GRAVITY	CONSERVATION AGENT MAKING GAUGE	COMPANY REPRESENTATIVE	DATE GAUGED
50.2 °API@60°F	-	S. Lynch	5-19-77

PLUG AND ABANDON (P&A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF DEPT. AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state: That I am employed by ~~Gulf Oil Corp.~~ and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Form WH Signature: [signature] V. T. Jones, Jr. Title: Area Production Manager

* Date well is equipped to produce, but due to no available market, no pipe line connection, etc.; the well has been shut-in.

WORK RESUME

List below all work performed under Department of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
219-77	3-16-77	-	Set CIBP @ 11153 and Perforate 10982-86 and 10987-95'

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt tops and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

DEPT. [illegible]
[illegible]
DATE [illegible]

MAY 27 1977

6/16/81

29-E COMPLIANCE	YES	NO
29-E UNIT ATTACHED	YES	NO

D.O.C. USE ONLY

STATE OF LOUISIANA
OFFICE OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

DISTRICT Lake Charles

CODE NUMBERS:

DATE 6-24-81

1 - ON-SHORE
3 - OFF-SHORE

027 PARISH Jefferson Davis SEC. 20 T 11S R 5W

4439 FIELD Hayes DOC ORDER NO.

2264 OPERATOR Gulf Oil Corp.

128241 WELL NAME VUA; Hayes Unit No. 1 NO. 7 SERIAL NO. 128241

RESERVOIR 1st Marg B 6-16-81 COMPLETION DATE 7:00 TIME X AM PM

IMPORTANT: IS A FORM MD-10-R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES NO X

REMARKS: Sent in Previously

COMPLETION DATA:

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
2 (1 - ORIG. COMP. 2 - RE-COMP.)	2 (1 - OIL 2 - GAS 3 - DRY GAS)	2 (1 - YES 2 - NO)	F (F - FLOWING GL - GAS LIFT P - PUMPING)	1 0 SEE REVERSE SIDE FOR CODE

* IF THIS IS A RE-COMPLETION SPECIFY: SAME RESERVOIR [ ] DIFFERENT RESERVOIR [X]

INITIAL PROD.	GAS VOLUME	FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE
18 BOPD	1200 MCF/DAY	3400 PSIG	---- PSIG	1000 PSIG

CHOKE SIZE		WATER PROD.	BS & W	GOR	GRAVITY
--- /64"	2 (1 - POSITIVE 2 - ADJUST)	11 BPD	37.9 %	66,666 CF/BBL	46.7 API AT 60° F

PERFORATIONS 10,200'- 206' TOTAL DEPTH 11,575'

CLEARANCE & CERTIFICATION:

ADDITIONAL CLEARANCE IS REQUESTED FOR _____ BBLS. OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST: (SEE SECTION X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE).

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

R. H. Charitat
SIGNATURE

Gulf Oil Corporation
OPERATOR

Area Equipment Engineer
TITLE

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITHIN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1).

FORM COMP (REV. 1 78)

OFFICE OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

> All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

TEST DATA

Date of Test	Time of Test	Amount of Oil Produced
_____	_____M. to _____M.	_____Barrels
_____	_____M. to _____M.	_____Barrels
_____	_____M. to _____M.	_____Barrels
_____	_____M. to _____M.	_____Barrels
_____	_____M. to _____M.	_____Barrels
	TOTAL	_____BARRELS

The above total barrels of oil were produced from _____Ft. to _____Ft.

Remarks: _____

_____

_____ _____

OPERATOR (Signed) OPERATOR REPRESENTATIVE

CODES TO USE IN REPORTING STATUS OF WELL

10 Active
33 Inactive-Future Utility (does not include waiting on pipeline or market)
36 Inactive waiting on pipeline
37 Inactive waiting on market

CONSERVATION DEPT.
JUN 25 1981
LAKE CHARLES

6/11/69

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO.: 128241

PRODUCING INTERVAL: 10,200' - 10,206'

RESERVOIR (COMPANY SAND IDENTIFICATION): 1st Marg B

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES
- [ ] NEW WELL
- [x] RECOMPLETION
- [ ] P & A

- [ ] 31 INACTIVE DRY HOLE FUT. UTIL.
- [ ] 32 INACTIVE DRY HOLE NO FUT. UTIL.
- [ ] 36 INACTIVE WAITING ON PIPELINE
- [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT
- [ ] OIL
- [x] GAS
- [ ] OTHER

IF RECOMPLETION
- [ ] SAME RESERVOIR
- [x] DIFFERENT RESERVOIR

DATE COMP., RECOMP., OR P & A (M D Y): 6-16-81

OPERATOR: Gulf Oil Corp.

CODE: 2264

ADDRESS: P.O. Box 51327 Lafayette, LA 70505

WELL NAME: VUA; Hayes Unit 1

WELL NO.: 7

PARISH: Jeff Davis

SEC. 20 TWP. 11S RGE. 5W

DATE PERMIT ISSUED: 6-19-81

DATE SPUDDED (M D Y): 5-6-69

DATE READY TO PRODUCE*: 6-16-81

TOTAL DEPTH: 11,575'

PBTD: 10,232'

GROUND ELEVATION: 6.2

CASING HEAD FLANGE ELEVATION: 6.2

DISTANCE FROM RKB TO CHF: 21.80'

DATE WELL TURNED INTO TANKS: 6-16-81

SINGLE, DUAL OR TRIPLE COMPLETION?: Single

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?: No

WAS DIRECTIONAL SURVEY MADE?: Yes

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?: Yes

DATE FILED: 5-19-69

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION): (IES), Radioactivity, Density, (Drift)

DATE FILED: 6-11-69

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101										
102										
103		Same as		drill						
104										
105										

TUBING SIZE: 2 3/8"

DEPTH OF TUBING:

DEPTH OF PACKER(S): 9,675', 10,862'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: 18 BOPD

GAS VOLUME: 1200 MCF/DAY

GOR: 3400 CF/BBL

CHOKE SIZE: adj -- /64"

PRODUCING METHOD: F

FLOWING TUBING PRESSURE: 3400 psig

SHUT-IN TUBING PRESSURE: ----- psig

CASING PRESSURE: 1000

WATER PRODUCTION: 11 BPD

BS&W: 37.9 %

GRAVITY: 46.7 °API@60° F

BHP (SHUT-IN): 4100# est psig

COMPANY REPRESENTATIVE: Gene Phillips

DATE GAUGED: 6-16-81

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state: That I am employed by Gulf Oil Corp. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: R.H. Charitat Title: Area Equipment Engineer

R.H. Charitat

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc., the well has been shut-in.

FORM WH-1 (1-78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
657-81	6-15-81	McCullough	Plugged perfs 10,322' - 30' w/10' cmt w/ top of cmt @ 10,232' EL. Perf 10,200' - 206'.

RECEIVED
JAN 20 1982
DEPT. OF CONSERVATION
WELL FILES
BATON ROUGE, LA.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

CONSERVATION DEPT.
JUN 25 1981
LAKE CHARLES

6/22/81

1250 2/4
1000 3/4

STATE OF LOUISIANA
OFFICE OF CONSERVATION
LOUISIANA STATE POTENTIAL REPORT

District: Lake Charles
Field: Hayes
Parish: Jeff Davis
Operator: Gulf Oil Expl. & Prod. Co. Code: 2264
Sec. 20 TWP. 11S RGE. 5W Test Date: 6 / 22 / 81 (Mo. Day Yr.)

INPUT TYPE: [Z] 1 - OC Only; 2 - Original; 3 - Correction

TYPE OF WELL: [2] 1-OIL 2-GAS

TYPE OF TEST: [2] 1-COMPLETION 2-RECOMPLETION 3-RETEST

PRODUCING METHOD: [F] F-FLOWING P-PUMPING G-GASLIFT

WELL SERIAL NO.	WELL NAME	WELL NO.	NAME OF RESERVOIR
128241	Hayes Unit #1, VUA	7	2nd Marg. ~~Hayes~~ B

TOTAL DEPTH	PERFORATED INTERVAL FROM	TO	CHOKE /64"	OIL BBLS/DAY	COND. BBLS/DAY	GAS MCF/DAY	GAS/OIL RATIO CF/BBL
11575 PB 10232	10200	10206	Adj.	—	18	1200	66666/1

on Line

API GRAV. @60° F.	WATER BBLS/DAY	BS&W %	FLOWING PRES. (PSIG)	CASING PRES. (PSIG)	DATE OF COMPLETION MO.	DAY	YR.
46.7	22	55%	3500	1000	6	16	81

CLOSE ~~TANK~~/METER GAUGE 18.00 @ 1PM TIME
OPEN ~~TANK~~/METER GAUGE 00.00 @ 1PM TIME
DIFFERENCE 18.00 in 24 HOURS
~~TANK~~/METER NO. _____ TANK COEF. 1.00

STATIC PRES. 500# DIFFERENTIAL PRES. 19" LINE SIZE 2"
PLATE SIZE 1 3/8" COEFFICIENT 1500# METER SPRING & DIFF. RANGE 100"
REMARKS

WITNESSED BY [signature] GAUGED BY [signature]
TITLE Off. & Gas Insp. TITLE Prod. Supvr.

SDM2 (1-78)

Work Permit

STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

Well Name & No. Hayes Unit No. 1, Well #7 Sec. 20 T 11S R 5W

Field Hayes Parish Jefferson Davis

Permit Serial No. 128241 Work Permit No. 22-84

Description of Work Plug and abandon by pumping unit below retainer @ 4306' if possible. Could not pump below retainer @ 2500 psi. Will spot 440 sxs cmt from 4306' to + 2000'. Place 50' (10 sxs) cmt plug at the surface. Cap well w/½" steel plate. Restore location.

Sand & Reservoir To Be Tested _____ TD _____

Operator Gulf Oil Corporation

Address P. O. Box 471

City, State & Zip Columbia, MS 39429

Permit Requested By J. C. Shamburger Date 12-27-83

J. C. Shamburger - Area Engineer

2 Permit Authorized By W. E. Wilhite District L.C Date 1-9-84

See Instructions On Reverse Side

Form DM-4R Rev.

STATE OF LOUISIANA

OFFICE OF CONSERVATION

PLUG AND ABANDON REPORT

WELL SERIAL NO. 128241

WORK PERMIT NO. _____ DATE WORK FINISHED (MM-DD-YY) 12-28-83

Lake Charles DISTRICT

(Three Copies to be Filed with the District Office)

NOTE: This Report Will Be Returned If Not Properly Completed And Signed.

Field Hayes Parish Jefferson Davis Sec. 20 Twp. 11S Rge. 5W

Operator Gulf Oil Corporation CODE 2264 Well Name VUA; Hayes Unit 1 Well No. 7

Total Depth 11,575' Condition of Well Cement abandonment plugs have been set. Surface wellhead to be removed shortly.

VERBAL PERMISSION OBTAINED ON 12-27-83 FROM MR. WILHITE OF LA CONSERVATION DEPT, BY RICHARD BELLOWS OF THIS OFFICE.

CHECK APPROPRIATE BOX:

☐ 29 DRY HOLE

☒ 30 FORMERLY PRODUCTIVE WELL

	CASING SIZE	AMOUNT PULLED	CEMENT PLUGS			
			FROM	TO	SACKS	HOW PLACED
301	10-3/4 Surf.	-0-	-	-	-	-
302	7" Prod.	-0-	4300'	1950'	440	Balance
303	7" Prod.	-0-	50'	Surf	10	Balance
304	5" Liner	-0-	-	-	-	-

Mud Record: Weight 10 PPG Viscosity -

Remarks: Plugs have been set per State requirement. Surface connections to be removed in near future.

This work was done according to the Rules and Regulations of the Office of Conservation.

[signature] WITNESS

GULF OIL CORPORATION OPERATOR

(Signed) J.C. Shamburger AREA ENGINEER REPRESENTATIVE

Form P & A (1-78)

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO.: 128241

PRODUCING INTERVAL: 10,200-206' (Now Plugged & Abandoned)

RESERVOIR (COMPANY SAND IDENTIFICATION): 1st Marg "B"

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES: [ ] NEW WELL [ ] RECOMPLETION [X] P & A

[ ] 31 INACTIVE DRY HOLE FUT. UTIL. [ ] 32 INACTIVE DRY HOLE NO FUT. UTIL. [ ] 36 INACTIVE WAITING ON PIPELINE [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT: [ ] OIL [X] GAS [ ] OTHER

IF RECOMPLETION: [ ] SAME RESERVOIR [ ] DIFFERENT RESERVOIR

DATE COMP., RECOMP., OR P & A (M D Y): 12-28-83

OPERATOR: Gulf Oil Corporation

CODE: 2264

ADDRESS: P. O. Box 471, Columbia, MS 39429

WELL NAME: VUA; Hayes ~~Unit~~ 1

WELL NO.: 7

PARISH: Jefferson Davis

SEC. 20 TWP. 11S RGE. 5W

DATE PERMIT ISSUED: Verbal 12-27-83

DATE SPUDDED (M D Y): -

DATE READY TO PRODUCE*: -

TOTAL DEPTH: 11,575'

PBTD.: -

GROUND ELEVATION: -

CASING HEAD FLANGE ELEVATION: -

DISTANCE FROM RKB TO CHF: -

DATE WELL TURNED INTO TANKS: -

SINGLE, DUAL OR TRIPLE COMPLETION?: -

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?: -

WAS DIRECTIONAL SURVEY MADE?: -

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?: -

DATE FILED: -

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION): -

DATE FILED:

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101	Same as Drill									
102										
103										
104										
105										

TUBING SIZE: 2-3/8" DEPTH OF TUBING: From 4508 to 10,100' DEPTH OF PACKER(S): 10,100'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: - BOPD

GAS VOLUME: - MCF/DAY

GOR: - CF/BBL

CHOKE SIZE: - /64"

PRODUCING METHOD: -

FLOWING TUBING PRESSURE: - psig

SHUT-IN TUBING PRESSURE: - psig

CASING PRESSURE: -

WATER PRODUCTION: - BPD

BS&W: - %

GRAVITY: °API@60° F

BHP (SHUT-IN): - psig

COMPANY REPRESENTATIVE: -

DATE GAUGED: -

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
10-3/4"	-0-	-	-	-	-	-	-
7"	-0-	4300'	1950'	440	Balance	12-27-83	-
7"	-0-	50'	Surf	10	Balance	12-27-83	-
5" Liner	-0-	-	-	-	-	-	-

CERTIFICATE: I, the undersigned, state: That I am employed by Gulf Oil Corp. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: J.C. Shamburger Title: Area Engineer

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc.; the well has been shut-in.

FORM WH-1 (1-78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
VERBAL PERMISSION OBTAINED ON 12-27-83 FROM MR. WILHITE OF LA CONSERVATION DEPT, BY RICHARD BELLOWS OF THIS OFFICE			
	12-27-83	*Western*	*P/A by setting retainer at 4306'. Could not pump below retainer at 2500 psi. Spotted 440 sacks of cement from 4300 - 1950'. Placed 50' cement plug, 10 sacks) at the surface.* *PLUGS HAVE BEEN SET PER STATE REQUIREMENT. SURFACE CONNECTIONS TO BE REMOVED IN NEAR FUTURE.*

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

RECEIVED
MAR 01 1984
DEPT. OF CONSERVATION
WELL FILES
BATON ROUGE, LA.

RECEIVED AND TIME
84 JAN 19 A 9:47
OFF. OF CONSERVATION
LAKE CHARLES DIST.

Company: Wright Water Engr.
Well: Lowry Landfill #1 (Phase I)
Field: Denver, Arapahoe Counties, Colorado
County: Arapahoe
State: Colorado

Weber

Induction Electrical Log

Other Services: Gamma Ray

Permanent Datum: Ground Level
Log Measured From: Ground Level
Drilling Measured From: Ground Level

Date	8-8-1991		
Run Number	One		
Depth Driller	1		
Depth Logger	1		
Bottom Logged Interval	1		
Top Logged Interval	1		
Casing Driller Size @ Depth			
Casing Logger Size @ Depth			
Bit Size			
Type Fluid in Hole			
Density / Viscosity			
Max. Rec. Temp. °F			
Estimated Cement Top			
Equipment Number			
Location			
Recorded By			
Witnessed By			

Run	Bit Size	Casing Size	Weight	Grade	From	To

Borehole Record

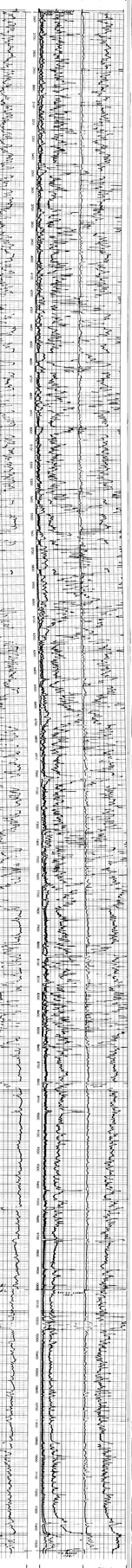
Run	Number	From	To

Stop Log

Run	Number	From	To

Remarks: Log Scale 1" = 100'

POTENTIAL MILLIVOLTS	RESISTIVITY OHMS M²/M	CONDUCTIVITY IN MMHOS/M
SCALE CHANGES = CHECK	10 Normal	Induction
Bad Hole = Bad Hole	16 Long Normal	
	Induction	RESISTIVITY OHMS M²/M
		10 Lateral



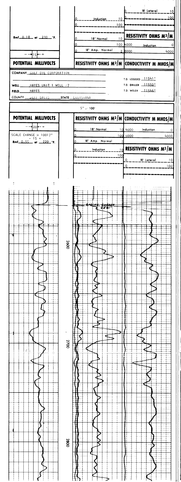
POTENTIAL MILLIVOLTS	RESISTIVITY OHMS M²/M	CONDUCTIVITY IN MMHOS/M
SCALE CHANGES = CHECK	10 Normal	Induction
Bad Hole = Bad Hole	16 Long Normal	
	Induction	RESISTIVITY OHMS M²/M
		10 Lateral

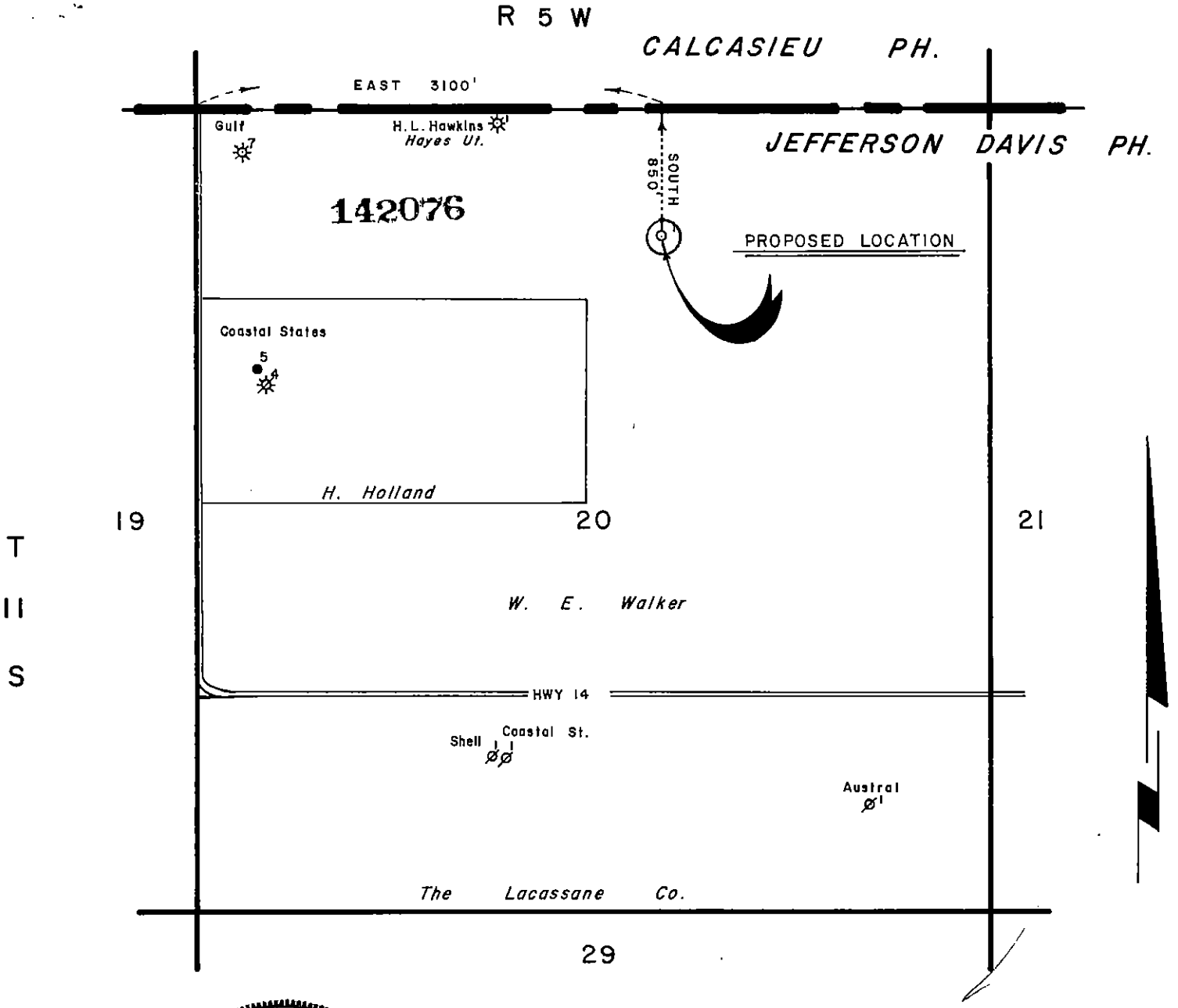
POTENTIAL MILLIVOLTS	RESISTIVITY OHMS M²/M	CONDUCTIVITY IN MMHOS/M
SCALE CHANGES = CHECK	10 Normal	Induction
Bad Hole = Bad Hole	16 Long Normal	
	Induction	RESISTIVITY OHMS M²/M
		10 Lateral

Company: Wright Water Engr.
Well: Lowry Landfill #1 (Phase I)
Field: Denver, Arapahoe Counties, Colorado
County: Arapahoe
State: Colorado

10 Normal	1.1
16 Long Normal	1.1
Induction	1.1
10 Lateral	1.1
16 Normal	1.1
Induction	1.1
10 Lateral	1.1

POTENTIAL MILLIVOLTS	RESISTIVITY OHMS M²/M	CONDUCTIVITY IN MMHOS/M
SCALE CHANGES = CHECK	10 Normal	Induction
Bad Hole = Bad Hole	16 Long Normal	
	Induction	RESISTIVITY OHMS M²/M
		10 Lateral





STATE OF LOUISIANA
R. L. CAPELL, JR.
REGISTER NO. 165
REGISTERED
SURVEYOR
IN
LAND SURVEYING

DEPT. CONSERVATION
JAN 4 1973
LAKE CHARLES

I, R. L. Capell, Jr., hereby certify that the loch of Ranger Oil Co's, *Hawkins Hayes Gas Ut. No. 1* is as follows: EAST 3100' and SOUTH 850' from the Northwest corner of Sec. 20, T11S-R5W, Jefferson Davis Parish, Louisiana.

R. L. Capell, Jr.

REGISTERED LAND SURVEYOR NO. 165
STATE OF LOUISIANA
JOHN E. CHANCE & ASSOCIATES, INC.

LOUISIANA DEPT. OF CONSERVATION

RANGER OIL COMPANY

PERMIT PLAT

JEFFERSON DAVIS PARISH, LOUISIANA

SCALE: 1" = 1000'

DEC. 28, 1972

FORM MD 13-R

STATE OF LOUISIANA
DEPT. OF CONSERVATION

WELL FILE COPY

PERMIT TO DRILL FOR MINERALS

PERMIT $100.00
Multiple Zone Processing

ATT

Send To LAKE CHARLES/14 Date FEBRUARY 14, 1973

Serial No. Ser. #142076 API #1705520319

Parish JEFFERSON DAVIS Field HAYES

Operator RANGER OIL COMPANY

Address 741 MAIN BLDG.

City & State HOUSTON, TEXAS 77002

Well Name VU A; HAWKINS-HAYES NO. 1

Location SEC 20, T11S, R5W
850' FNL 3100' FWL.

P. T. D. 10,000'

Zone or Reservoir of Proposed Completion HST

Applicable Department of Conservation Order VOLUNTARY

R. T. Sutton
COMMISSIONER

L. L. Spencer, Jr. dp
ISSUING AUTHORITY

126049

State of Louisiana

R. T. SUTTON
COMMISSIONER

DEPARTMENT OF CONSERVATION
P. O. BOX 44275 – CAPITOL STATION
BATON ROUGE, LA 70804

February 14, 1973

RE: Jefferson Davis Parish
Hayes
VU A; Hawkins-Hayes #1
Serial #142076

Ranger Oil Company
741 Main Bldg.
Houston, Texas 77002

Gentlemen:

The above application for Permit to Drill is being issued with the understanding that you will furnish the appropriate District Manager with Inclination and/or Directional Survey data as proof that the well will be completed in compliance with the provisions of Statewide Order No. 29-B, Section XVIII, dated March 1, 1967, before an allowable will be assigned said well.

Very truly yours,

R. T. SUTTON, COMMISSIONER
DEPARTMENT OF CONSERVATION

BY_____
J. W. Hecker
Assistant Chief Engineer

cc: W. E. Wilhite
District Manager
Lake Charles

FLS/djp

29-B (Directional Survey)

DEPARTMENT OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO.: 142076

PRODUCING INTERVAL: 9694-98'

RESERVOIR (COMPANY SAND IDENTIFICATION): HET

Three typewritten copies of this report must be filed with the District Office of the Department of Conservation in which the well is located within twenty (20) days of the date of completion: NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

DESIGNATE TYPE OF COMPLETION: NEW WELL [X] RECOMPLETION [ ] SAME RESERVOIR [ ] DIFFERENT RESERVOIR [ ] OIL [ ] GAS [X] P&A [ ]

OPERATOR: Ranger Oil Company	ADDRESS: P. O. Box 51617, Lafayette, La. 70501
LEASE NAME: VU A; Hawkins-Hayes	WELL NO.: 1
PARISH: Jefferson Davis	SEC. 20 TWP. 11S RGE. 5W
DATE PERMIT ISSUED: 2-14-73	DATE SPUDDED: 2-27-73
DATE READY TO PRODUCE*: SI	TOTAL DEPTH: 10,555'
PBTD.: 9810'	GROUND ELEVATION:
CASING HEAD FLANGE ELEVATION:	DISTANCE FROM RKB TO CHF: 32.00'
DATE WELL TURNED INTO TANKS:	SINGLE, DUAL OR TRIPLE COMPLETION?: Dual
NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION	
WAS WELL DIRECTIONALLY DRILLED?: No	WAS DIRECTIONAL SURVEY MADE?: --
WERE 3 COPIES FILED WITH THE DEPARTMENT OF CONSERVATION?: --	DATE FILED: --
TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH DEPT. OF CONSERVATION): ISF/SONIC, Cement Bond & G/RN	DATE FILED: Accompany this report

CASING, LINER AND TUBING RECORD

CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED	NAME OF TEST WITNESS-STATE IF DEPT. AGENT OR OFFSET OPERATOR
9-5/8"	12-1/4	40#&36#	3957'	1390	1500	1/2	2-28-73	W. C. Brewster
5-1/2"	8-3/4	20#&17#	9004'	890	2000	1/2	3-12-73	W. C. Brewster

TUBING SIZE: 2-7/8" DEPTH OF TUBING: 9646' DEPTH OF PACKER(S): 9638' (Permanent) 8272'(Dual)

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	CHOKE SIZE	WELL STATUS
8 BOPD	1598 MCF/DAY	16/64"	Shut in

TUBING PRESSURE	CASING PRESSURE	GOR	BS & W	BHP - (SHUT-IN)
3010 psig	0 psig	199,749/1	0 %	3600 psi

GRAVITY	CONSERVATION AGENT MAKING GAUGE	COMPANY REPRESENTATIVE	DATE GAUGED
51.5 °API@60°F		W. C. Brewster	4-4-73

PLUG AND ABANDON (P&A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF DEPT. AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state: That I am employed by RANGER OIL COMPANY and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Form WH Signature: Don Chamblee Title: Engineer

* Date well is equipped to produce, but due to no available market, no pipe line connection, etc.; the well has been shut-in.

DEPT. CONSERVATION

APR 18 1973

LAKE CHARLES

WORK RESUME

List below all work performed under Department of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
313-73	3-12-73	Symon's Drlg. Company	Deepening from 990' to10,500'
394-73	3-21-73	HOWCO	Plug back from 10,555' to 9783', set 5-1/2" HOWCO Wireline Cement Retainer @ 9850'. Squeezed 90 sks cement below retainer, left 67' cement on top of retainer.
393-73	3-22-73	Schlumberger HOWCO	Perforate @ 9712-13' & 9691'-92' IES w/4 shot/ft. Squeeze w/200 sks cement
392-73	3-22-73	Schlumberger HOWCO	Perforate @ 8338-39' & 8328-29' IES Squeeze w/200 sks cement
432-73	3-25-73	Schlumberger	Perforate 9694'-98' IES Meas. w/4 shots/ft. Perforate 8330'-33' IES Meas. w/4 shots/ft.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt tops and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH
RECEIVED APR 26 1973 DEPT. OF CONSERVATION PERMIT SECTION BATON ROUGE, LA.			

FORM A D

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION

REPORT OF PROOF OF APPARENT DEVIATION

SERIAL NO. 142076

OPERATOR RANGER OIL COMPANY DISTRICT LAKE CHARLES

FIELD Hayes PARISH Jefferson Davis

WELL NAME & NO. VU A; Hawkins-Hayes #1 SEC. 20 T 11S R 5W

Degrees Deviation	Deviation Factor
¼	.00436
½	.00873
¾	.01309
1	.01745
1¼	.02182
1½	.02618
1¾	.03054
2	.03490
2¼	.03926
2½	.04362
2¾	.04798
3	.05234
3¼	.05669
3½	.06105
3¾	.06540
4	.06976
4¼	.07411
4½	.07846
4¾	.08281
5	.08716
5¼	.09150
5½	.09585
5¾	.10019
6	.10453
6¼	.10887
6½	.11320
6¾	.11754
7	.12187
7¼	.12620
7½	.13053
7¾	.13485
8	.13917
8¼	.14349
8½	.14781
8¾	.15212
9	.15643
9¼	.16074
9½	.16505
9¾	.16935
10	.17365

DEGREES DEVIATION	DEPTH FROM SURFACE	LENGTH OF INTERVAL	DEVIATION FACTOR	DEVIATION OF INTERVAL	CUMULATIVE APPARENT DEVIATION	REMARKS
1/4°	500'	500'	.00436	2.18	2.18	
1/2°	1,000	500	.00873	4.36	6.54	
3/4°	1,500	500	.01309	6.55	13.09	
3/4°	2,000	500	.01309	6.55	19.64	
3/4°	2,500	500	.01309	6.55	26.19	
1/4°	3,000	500	.00436	2.18	28.37	
3/4°	3,500	500	.01309	6.55	34.92	
1°	3,956	456	.01745	7.96	42.88	
1°	4,456	500	.01745	8.72	51.60	
1/4°	4,964	508	.00436	2.21	53.81	
1°	5,474	510	.01745	8.90	62.71	
2-1/2°	5,874	400	.04362	17.45	80.16	
3°	6,074	200	.05234	10.47	90.63	
2°	6,518	444	.03490	15.50	106.13	
3/4°	7,016	498	.01309	6.52	112.65	
1/2°	7,430	414	.00873	3.61	116.26	
3/4°	7,930	500	.01309	6.55	122.81	
3/4°	8,545	615	.01309	8.05	130.86	
1°	8,880	335	.01745	5.85	136.71	
1/2°	9,282	402	.00873	3.51	140.22	
3/4°	9,515	233	.01309	3.05	143.27	
3/4°	9,737	222	.01309	2.90	146.17	
3/4°	9,900	163	.01309	2.13	148.30	
3/4°	10,550	650	.01309	8.51	156.81	

DEPT. CONSERVATION
APR 4 8 1973
LAKE CHARLES

Certified as Being True & Correct by Don Chamblin Title Engineer Date 4-6-73

Don Chamblin

NOTICE: NO ALLOWABLE WILL BE ASSIGNED UNTIL PROOF OF COMPLIANCE WITH SECTION XVIII, STATEWIDE ORDER NO. 29-B IS RECEIVED BY THE DEPARTMENT OF CONSERVATION. THREE (3) SIGNED COPIES OF THIS REPORT SHOULD BE SUBMITTED WITH FORM WH ON ALL WELLS, EXCEPT AS NOTED ON THE REVERSE SIDE.

SEE INSTRUCTIONS ON REVERSE SIDE

INSTRUCTIONS

This report shall be typewritten only and filed in triplicate as an attachment to the Well History and Work Resume Report (Form WH).

The tabulation, set apart in the blocked section on the left is for easy reference, and the three blank columns located between the double lines are for convenience in calculations. All blank columns should be completed so that all work may be easily checked.

In the first two columns record the Degrees Deviation and the Depth from Surface at which such deviation was recorded.

The Length of Interval for any particular Depth from Surface is obtained by subtracting the previous Depth from Surface from that particular point. The only exception being the first Length of Interval which is equal to its Depth from Surface.

RECEIVED
APR 26 1973
DEPT. OF CONSERVATION
PERMIT SECTION
BATON ROUGE, LA.

The Deviation Factor may be obtained from the tabulation on the left. Multiply the Length of Interval by the respective Deviation Factor to obtain the Deviation of Interval.

Cumulative Apparent Deviation is a running summation of Deviation of Interval values and the final figure in the Cumulative Apparent Deviation Column should be equal to the sum of all the individual Deviation of Interval figures and will be the apparent resultant lateral deviation of the hole at Total Depth.

If a Directional Survey determining the bottom of the hole is filed with the Commissioner of Conservation upon completion of the well, it shall not be necessary to furnish the Inclination Survey data.

Work Permit

STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

1

Well Name & No. VUA; Hawkins Hayes No. 1 Sec. 20 T 11S R 5W

Field Hayes Parish Jefferson Davis

Permit Serial No. 142076 Work Permit No. 1094-73

Description of Work Plug and abandon well. Cut and pull approximately 3900' of 5 1/2" casing. Spot cement plugs and weld plate over 5 5/8 surface casing 4' below ground level.

Sand & Reservoir To Be Tested N/A TD 10,555'

Operator Longer Oil Company

Address 741 Main Building, 1212 Main St.

City, State & Zip Houston, Texas 77002

Permit Requested By Original Signed By RICHARD A. PORTER Richard A. Porter Date 10/5/73

Permit Authorized By W. H. Willett District 13 Date 10/8/73

See Instructions On Reverse Side

Form DM-4R Rev.

INSTRUCTIONS

A single application will suffice for one, or combinations of, the below operations provided that if more than one operation is requested on one form, such work must be performed consecutively.

If additional applications for Work Permits are necessary on any one well, each should be numbered 1, 2, etc. in the order requested. An original and one copy of this form will suffice for all work with exception of plug and abandon, for which an original and three copies are required.

1. Abandon (Plug & Abd)
2. Deepen
3. Perforate
4. Squeeze
5. Plugback
6. Sidetrack
7. Pull Casing
8. Change Zone of Selective Completion
9. Drill Salt Water Disposal Well
10. Convert to Salt Water Disposal Well
11. Drill Product Storage Well

RECEIVED
DEC 7 1973
DEPT. OF CONSERVATION
LAKE PERMIT SECTION
BATON ROUGE, LA.

NOTICE: To perform any of the above, as well as any other possible operations in Louisiana, without first obtaining a Permit is an infraction of the law and subject to prosecution.

NOV 12 1973

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

PLUG AND ABANDON REPORT

DATE WORK DONE 10-31-73

WELL SERIAL NO. [illegible]
WORK PERMIT NO. [illegible]

LAKE CHARLES DISTRICT
(Three Copies to be Filed with the District Office)

NOTE: This Report Will be Returned if Not Properly Completed And Signed.

Field HAYES Parish JEFFERSON DAVIS Sec. 20 Twp. 11-S Rge. 5 W

Company [illegible] Co Lease W.A. HAWKINS HAYES Well No. 1-D

Total Depth 10,555' Condition of Well Depleted

1. Surface Casing Size 9 5/8 Depth 3,957' Amount Pulled 0
2. Protection Casing Size ____ Depth ____ Amount Pulled 0
3. Production Casing Size 5 1/2 Depth 9,704' Amount Pulled [illegible]

CEMENT PLUGS

1. Depth 9,600' To 9,400' No. of Sacks 24 How Placed Rig Pump
2. Depth 8,333' To 8,233' No. of Sacks 12 How Placed " "
3. Depth 4,062' To 3,862' No. of Sacks 50 How Placed " "
" 30' " 5' " " 10 " " Hand

Mud Record: Weight 13.6 Viscosity 52

Remarks: Cut surface pipe 4' below ground level and welded 1/2 steel plate inside 9 5/8" surface. Backfilled [illegible]

This work was done according to the Rules and Regulations of the Department of Conservation

[illegible]
WITNESS

[illegible]
COMPANY

(Signed) [illegible] Ortiz
REPRESENTATIVE

Form - P & A

DATE NOV 12 1973

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

PLUG AND ABANDON REPORT

DATE WORK DONE 10-31-73

WELL SERIAL NO. #1 142076 #1-D 142399
WORK PERMIT NO. 1095-73 1094-73

LAKE CHARLES DISTRICT
(Three Copies to be Filed with the District Office)

NOTE: This Report Will be Returned if Not Properly Completed And Signed.

Field HAYES Parish JEFFERSON DAVIS Sec. 20 Twp. 11-S Rge. 5 W

Company RANGER OIL CO. Lease U.A. HAWKINS HAYES Well No. 1

Total Depth 10,555' Condition of Well Depleted

1. Surface Casing Size 9 5/8 Depth 3,957' Amount Pulled 0
2. Protection Casing Size ____ Depth ____ Amount Pulled 0
3. Production Casing Size 5 1/2 Depth 9,904' Amount Pulled 3,962'

CEMENT PLUGS

1. Depth 9,600' To 9,400' No. of Sacks 24 How Placed Rig Pump
2. Depth 8,333' To 8,233' No. of Sacks 12 How Placed " "
3. Depth 4,062' To 3,862' No. of Sacks 50 How Placed " "
" 30' " 5' " " " 10 " " Hand

Mud Record: Weight 13.6 Viscosity 52

Remarks: CUT SURFACE PIPE 4' BELOW GROUND LEVEL AND WELDED 1/2" STEEL PLATE INSIDE 9 5/8" SURFACE. BACKFILLED HOLE

This work was done according to the Rules and Regulations of the Department of Conservation.

Raymond Leon
WITNESS

Seaboard Well Service
COMPANY

(Signed) [signature]
REPRESENTATIVE

Form - P & A

Schlumberger

ISF SONIC

COMPANY RANGER OIL CO.
WELL HAWKINS - HAYES GAS UNIT NO. 1
FIELD HAYES
COUNTY JEFF DAVIS STATE
LOCATION
Sec. 20 Twp. Rge.
Other Services:

Permanent Datum: Elev.
Log Measured From Ft. Above Perm. Datum
Drilling Measured From
Elev.: K.B. NA D.F. NA G.L. NA

Date / Run No. / Depth—Driller / Depth—Logger / Btm. Log Interval / Top Log Interval / Casing—Driller / Casing—Logger / Bit Size / Type Fluid in Hole / Dens. Visc. / pH Fluid Loss / Source of Sample / R_m @ Meas. Temp. / R_{mf} @ Meas. Temp. / R_{mc} @ Meas. Temp. / Source: R_{mf} R_{mc} / R_m @ BHT / Time Since Circ. / Max. Rec. Temp. / Equip. Location / Recorded By / Witnessed By

FOLD HERE The well name, location and borehole reference data were furnished by the customer.

Date				
Run No.				
Depth—Driller				
Depth—Logger				
Btm. Log Interval				
Top Log Interval				
Casing—Driller	@	@	@	@
Casing—Logger				
Bit Size				
Type Fluid in Hole				
Dens. Visc.				
pH Fluid Loss	ml	ml	ml	ml
Source of Sample				
R_m @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F
Source: R_{mf} R_{mc}				
R_m @ BHT	@ °F	@ °F	@ °F	@ °F
Time Since Circ.				
Max. Rec. Temp.	°F	°F	°F	°F
Equip. Location				
Recorded By				
Witnessed By				

Changes in Mud Type or Additional Samples

				Type Log	Depth	Scale Up Hole	Scale Down Hole
Date Sample No.							
Depth—Driller							
Type Fluid in Hole							
Dens. Visc.							
ph Fluid Loss	ml						
Source of Sample							
R_m @ Meas. Temp.	@ °F	@ °F					
R_{mf} @ Meas. Temp.	@ °F	@ °F					
R_{mc} @ Meas. Temp.	@ °F	@ °F					
Source: R_{mf} R_{mc}							
R_m @ BHT	@ °F	@ °F					
R_m @ BHT	@ °F	@ °F					
R_m @ BHT	@ °F	@ °F					

Run No.	1	2	3
Ind. Panel No.	S-81	S-81	N-524
Mem. Panel No.	A-29	A-29	J-19
Ind. Cart. No.	J-93	J-93	R-45
Ind. Sonde No.	S-87	S-87	NA
Sonic Panel No.	448	-448	NA
Oscil. Panel No.	351	D-404	NA
Sonic Cart. No.	404	B-35	NA
Sonic Sonde No.	35	NA	NA
G.R. Cart. No.	NA	NA	NA
G.R. Panel No.	NA	NA	NA
Caliper No.	NA	NA	NA
TTR No.	NA	NA	NA
S.E.	180	180	NA
SBR	0.5	0.5	0.5
Cent. Device	YES	YES	NO
Stand off-Inches	1"	1"	0
Time Const.-Sec.	NA	NA	NA
Speed-F.P.M.	70	70	NA

REMARKS:

Service Order No.- 77229
API Serial No.- 142076
Check one, filling in blanks where applicable:
☒ Surface determined sonde errors used for 6FF40.
☐ 6FF40 sonde error corrected for inch borehole signal at Rm
☐ 6FF40 zero set in hole at depth of feet.

CALIBRATION:	BACKGND. CPS.	SOURCE CPS.	GALV. INCR. DIVISIONS	SENS. TAP (FOR CAL.)	SENS. TAP (RECORD)	TIME CONST.
GAMMA RAY:						

Velocity (feet per second) = 1,000,000 / Interval Transit Time (microseconds per foot)

SPONTANEOUS POTENTIAL MILLIVOLTS	DEPTHS	RESISTIVITY OHMS. M²/M	
− 20 +		DEEP INDUCTION R_{ILD} 0 — 10	
GAMMA RAY API UNITS		FOCUSED RESISTIVITY (SFL) R_{SFL} Av. 8000 0 — 10	4000 — 0
		AMP. FOCUSED RESISTIVITY R_{SFL} Av. 0 — 2	

SPONTANEOUS-POTENTIAL MILLIVOLTS	DEPTHS	RESISTIVITY OHMS. M² M	CONDUCTIVITY MILLIMHOS M = 1000 / OHMS M²/M
− 20 +		AMP. SHORT NORMAL 0 — 2	
		A-16"-M SHORT NORMAL 0 — 10 / 100	
		INDUCTION 0 — 10 / 100	6 FF 28 INDUCTION 4000 — 0 / 8000 — 4000

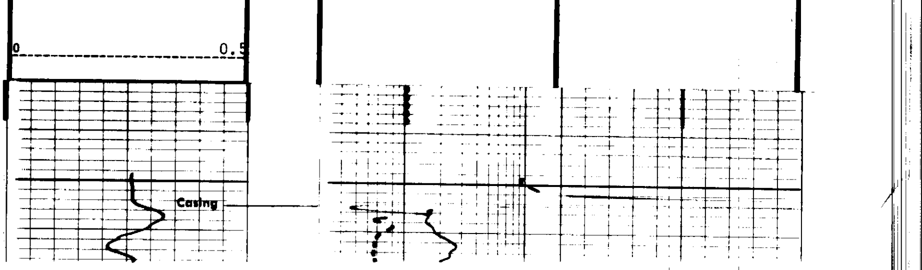
COMPANY RANGER OIL COMPANY
WELL HAWKINS - HAYES GAS UNIT NO. 1
FIELD HAYES
COUNTY JEFF DAVIS STATE LOUISIANA

SCHL. FR 10554
SCHL. TD 10560
DRLR TD 10555
Elev:
KB NA
DF NA
GL NA

DETAIL LOG
5" = 100'

SPONTANEOUS POTENTIAL MILLIVOLTS	DEPTHS	RESISTIVITY OHMS. M² M	INTERVAL TRANSIT TIME MICROSECONDS PER FOOT
− 20 +		DEEP INDUCTION R_{ILD} 0.2 1.0 10 20	
HYDROCARBON INDICATOR-R_{WA} OHMS. M² M 0 — 0.5		FOCUSED RESISTIVITY (SFL) R_{SFL} 0.2 1.0 10 20	150 — 50

DEPARTMENT OF CONSERVATION
RECEIVED
OCT 31 1973
GEOLOGICAL SECTION



Schlumberger

ISF SONIC

COUNTY JEFF DAVIS
FIELD or LOCATION HAYES
WELL HAWKINS - HAYES GAS UNIT NO. 1
COMPANY RANGER OIL CO.

COMPANY RANGER OIL COMPANY
WELL HAWKINS - HAYES GAS UNIT NO. 1
FIELD HAYES
COUNTY JEFF DAVIS STATE LOUISIANA
LOCATION 850' FNL & 3100' FWL
Sec. 20 Twp. 11S Rge. 5W

Other Services:

Permanent Datum: EHF Elev. NA
Log Measured From RKB 14.95 Ft. Above Perm. Datum
Drilling Measured From SAME

Elev.: K.B. NA, D.F. NA, G.L. NA

Date	3-8-73	3-10-73	3-20-73	
Run No.	ONE	TWO	THREE	
Depth—Driller	9515	9900	10555	
Depth—Logger	9526	9905	10560	
Btm. Log Interval	9525	9904	10554	
Top Log Interval	3955	9525	9803	
Casing—Driller	9 5/8 @ 3956	9 5/8 @ 3956	@ 9904	@
Casing—Logger	3955	3955	9893	
Bit Size	8 3/4"	8 3/4"		
Type Fluid in Hole	LIGNO-SULF.	LIGNO-SULFON	LIGNO SULFONATE	
Dens. / Visc.	10.2 / 48	14.1 / 50		
pH / Fluid Loss	9.0 / 5.8 ml	11.2 / 6.8 ml	2.8 ml	ml
Source of Sample	FLOWLINE	PIT		
Rm @ Meas. Temp.	1.46 @ 86 °F	1.14 @ 92 °F	.79 @ 77 °F	@ °F
Rmf @ Meas. Temp.	.54 @ 68 °F	0.98 @ 78 °F	.46 @ 68 °F	@ °F
Rmc @ Meas. Temp.	3.08 @ 68 °F	1.96 @ 78 °F	@ 77 °F	@ °F
Source: Rmf / Rmc	M / C	M / C		
Rm @ BHT	0.71 @ 179 °F	0.56 @ 188 °F	0.27 @ 228 °F	@ °F
Time Since Circ.	4 HRS.	5 HRS.	HRS.	
Max. Rec. Temp.	179 °F	188 °F	228 °F	°F
Equip. / Location	7652 / LCT	7652 / LCT	7652 / LCT	
Recorded By	WHITT	WHITT	WATERS	
Witnessed By	MESSRS. DRAKE-GILKISON	SONDRAKE-GILKISON	DRAKE-GILKISON	

FOLD HERE The well name, location and borehole reference data were furnished by the customer.

Date						
Run No.						
Depth—Driller						
Depth—Logger						
Btm. Log Interval						
Top Log Interval						
Casing—Driller	@	@	@	@	@	@
Casing—Logger						
Bit Size						
Type Fluid in Hole						
Dens. / Visc.						
pH / Fluid Loss	ml	ml	ml	ml	ml	
Source of Sample						
Rm @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F	@ °F	@ °F
Source: Rmf / Rmc						
Rm @ BHT	@ °F	@ °F	@ °F	@ °F	@ °F	@ °F
Time Since Circ.						
Max. Rec. Temp.	°F	°F	°F	°F	°F	°F
Equip. / Location						
Recorded By						
Witnessed By						

Changes in Mud Type or Additional Samples

Date / Sample No.		
Depth—Driller		
Type Fluid in Hole		
Dens. / Visc.		
pH / Fluid Loss	ml	
Source of Sample		
Rm @ Meas. Temp.	@ °F	@ °F
Rmf @ Meas. Temp.	@ °F	@ °F
Rmc @ Meas. Temp.	@ °F	@ °F
Source: Rmf / Rmc		
Rm @ BHT	@ °F	@ °F

Type Log	Depth	Scale Up Hole	Scale Down Hole

REMARKS:

CALIBRATION:	BACKGND.	SOURCE	DAILY INDEX	SENS TAP	SENS TAP (RECORD)	TIME CONST.
GAMMA RAY						

Velocity (feet per second) / Interval Transit Time (microseconds per foot)

SPONTANEOUS POTENTIAL MILLIVOLTS

GAMMA RAY API UNITS

DEPTHS

RESISTIVITY OHMS. M²/M

DEEP INDUCTION R_{ILD}

FOCUSED RESISTIVITY (SFL) R_{SFL}

AMP. FOCUSED RESISTIVITY

AMP. SHORT NORMAL

A-16"-M SHORT NORMAL

INDUCTION

6 FF28 INDUCTION

SPONTANEOUS-POTENTIAL MILLIVOLTS

DEPTHS

RESISTIVITY OHMS. M²/M

CONDUCTIVITY MILLIMHOS/M = 1000 / OHMS. M²/M

COMPANY RANGER OIL COMPANY
WELL HAWKINS - HAYES GAS UNIT NO. 1
FIELD HAYES
COUNTY JEFF DAVIS STATE LOUISIANA

SCHL. FR 10554
SCHL. TD 10560
DRLR TD 10555
Elev: KB NA, DF NA, GL NA

DETAIL LOG
5" = 100'

SPONTANEOUS POTENTIAL MILLIVOLTS

DEPTHS

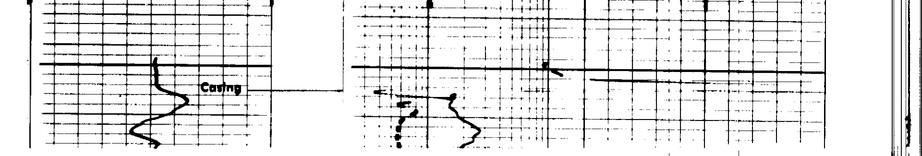
RESISTIVITY OHMS. M²/M

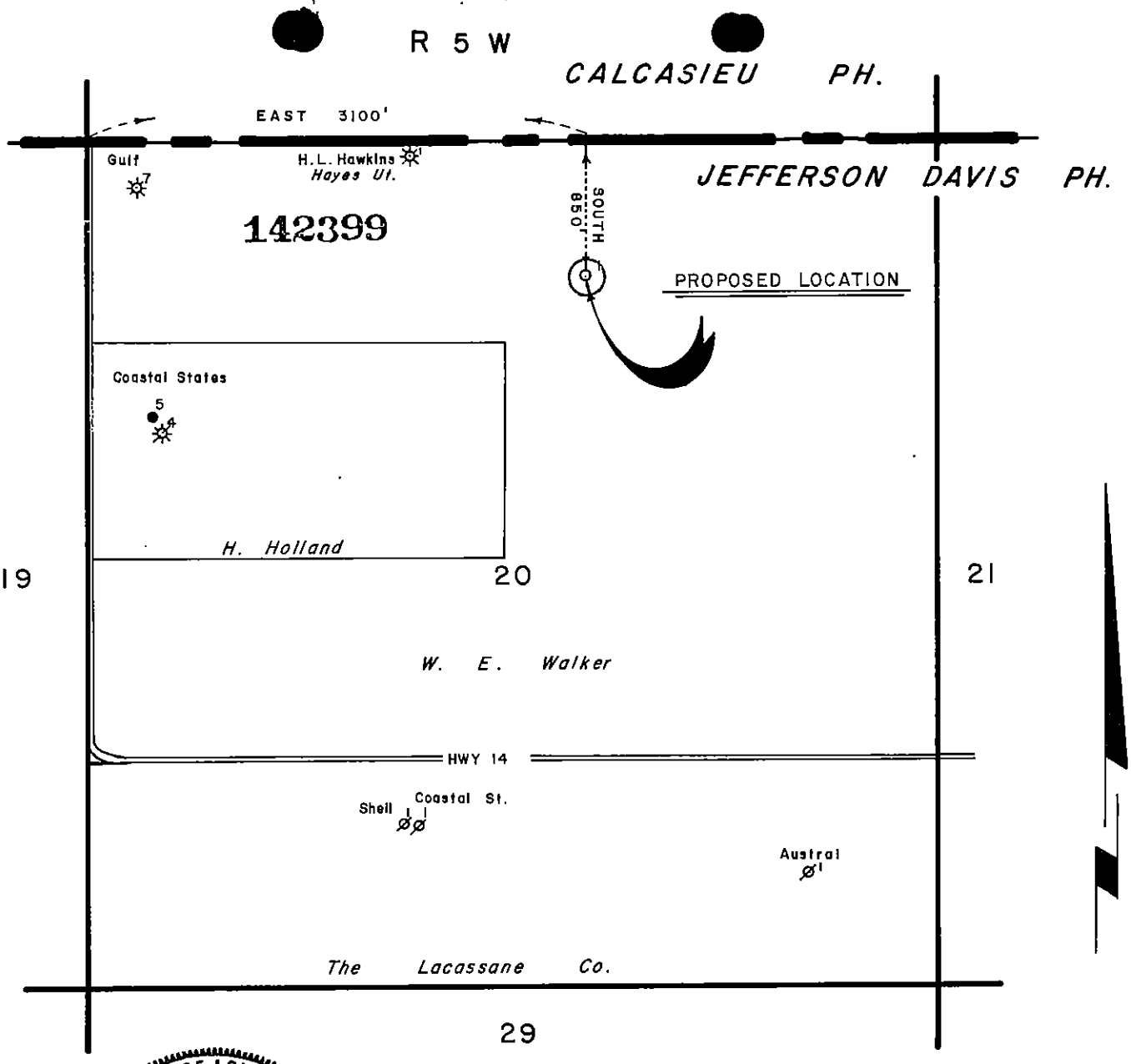
INTERVAL TRANSIT TIME MICROSECONDS PER FOOT

DEEP INDUCTION R_{ILD}

FOCUSED RESISTIVITY (SFL) R_{SFL}

HYDROCARBON INDICATOR-R_{WA} OHMS. M²/M





STATE OF LOUISIANA
R. L. CAPELL, JR.
REGISTER NO. 165
REGISTERED
SURVEYOR
IN
LAND SURVEYING

DEPT. CONSERVATION
APR 9 1973
LAKE CHARLES

I, R. L. Capell, Jr., hereby certify that the loch of Ranger Oil Co.'s, *Hawkins Hayes Gas Ut. No. 1* is as follows: EAST 3100' and SOUTH 850' from the Northwest corner of Sec. 20, T11S-R5W, Jefferson Davis Parish, Louisiana.

R. L. Capell, Jr.

REGISTERED LAND SURVEYOR NO. 165
STATE OF LOUISIANA
JOHN E. CHANCE & ASSOCIATES, INC.

LOUISIANA DEPT. OF CONSERVATION

RANGER OIL COMPANY

PERMIT PLAT

JEFFERSON DAVIS PARISH, LOUISIANA

SCALE: 1" = 1000'

DEC. 28, 1972

DEPARTMENT OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO.: 142399

PRODUCING INTERVAL: 8330-33'

RESERVOIR (COMPANY SAND IDENTIFICATION): Siphonina-Davisi 8300' sand

Three typewritten copies of this report must be filed with the District Office of the Department of Conservation in which the well is located within twenty (20) days of the date of completion: NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

DESIGNATE TYPE OF COMPLETION: NEW WELL [X] RECOMPLETION [ ] SAME RESERVOIR [ ] DIFFERENT RESERVOIR [ ] OIL [ ] GAS [X] P&A [ ]

OPERATOR: Ranger Oil Company	ADDRESS: P. O. Box 51617, Lafayette, La. 70501
LEASE NAME: VU A; Hawkins-Hayes	WELL NO.: 1-D
PARISH: Jefferson Davis	SEC. 20 TWP. 11S RGE. 5W
DATE PERMIT ISSUED: 2-14-73	
DATE SPUDDED: 2-27-73	DATE READY TO PRODUCE*: SI
TOTAL DEPTH: 10,555'	PBTD.: 9810'
GROUND ELEVATION:	CASING HEAD FLANGE ELEVATION:
DISTANCE FROM RKB TO CHF: 32.00'	
DATE WELL TURNED INTO TANKS:	SINGLE, DUAL OR TRIPLE COMPLETION?: Dual
NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION	
WAS WELL DIRECTIONALLY DRILLED?: No	WAS DIRECTIONAL SURVEY MADE?: --
WERE 3 COPIES FILED WITH THE DEPARTMENT OF CONSERVATION?: --	DATE FILED: --
TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH DEPT. OF CONSERVATION): (ISF/SONIC) Cement Bond & G/RN	DATE FILED: Acoompany this report

CASING, LINER AND TUBING RECORD

CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED	NAME OF TEST WITNESS-STATE IF DEPT. AGENT OR OFFSET OPERATOR
9-5/8"	12-1/4	40#&36#	3957'	1390	1500	1/2	2-28-73	W. C. Brewster
5-1/2"	8-3/4"	20#&17#	9004'	890	2000	1/4	3-12-73	W. C. Brewster

TUBING SIZE: 2-7/8" DEPTH OF TUBING: 8272' DEPTH OF PACKER(S): 9638' (permanent) 8272' (dual)

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	CHOKE SIZE	WELL STATUS
12 BOPD	1758 MCF/DAY	16/64"	Shut in

TUBING PRESSURE	CASING PRESSURE	GOR	BS & W	BHP - (SHUT-IN)
2900 psig	0 psig	146,521/1	None %	3100 psi

GRAVITY	CONSERVATION AGENT MAKING GAUGE	COMPANY REPRESENTATIVE	DATE GAUGED
53.1 °API@60°F		W. C. Brewster	4-5-73

PLUG AND ABANDON (P&A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF DEPT. AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state: That I am employed by RANGER OIL COMPANY and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Form WH Signature: Dan Chamblin Title: Engineer

* Date well is equipped to produce, but due to no available market, no pipe line connection, etc.; the well has been shut in.

DEPT. OF CONSERVATION
APR 18 1973
LAKE CHARLES

WORK RESUME

List below all work performed under Department of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK

RECEIVED
APR 26 1973
DEPT. OF CONSERVATION
PERMIT SECTION
BATON ROUGE, LA.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt tops and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

142399

PACKER SETTING CERTIFICATE

(To be submitted in duplicate with the District Manager in whose District the well is located)

I, DON CHAMBLIN (Name of Party Making Certification), having full knowledge of the facts herebelow set out, do state:

That I am employed by RANGER OIL COMPANY in the capacity of ENGINEER, that on March 25, (Date), 19 73, I personally supervised the setting of a Guiberson Type AN (Make and Type of Packer) in Ranger Oil Company (Operator of Well), Hawkins-Hayes (Lease Name), Well No. 1, located in the Hayes (Field), Jefferson Davis Parish, Louisiana at a subsurface depth of 9638 feet, said depth measurement having been furnished me by Schlumberger; that the purpose of setting this packer was to effect a seal in the annular space between the two strings of pipe where the packer was set so as to prevent the commingling, in the bore of this well, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer; that this packer was properly set and that it did, when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.

This is to certify that, to the best of my knowledge and belief, the information contained herein is true and correct.

Signed Don Chamblin
Don Chamblin

Title Engineer

Representing Ranger Oil Company

Form P.S. No. 1

DEPT. CONSERVATION

APR 18 1973

LAKE CHARLES

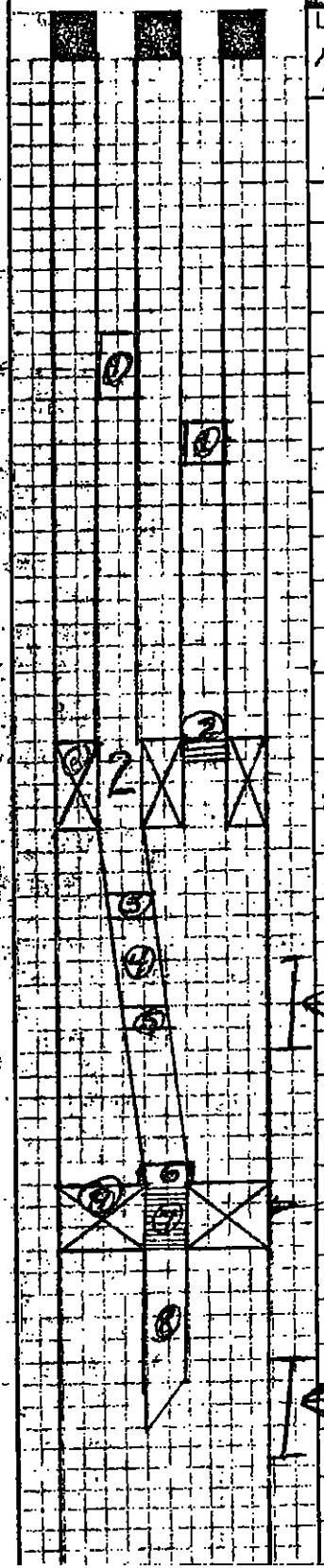
142399

Guiberson
OILFIELD PRODUCTS DIVISION
Dresser Industries, Inc.

Packer Installation Plan

Prepared For	Company	Date
MR. [illegible]	[illegible]	[illegible]

Lease	Well No.	Field	Co./Parish	State	
HAWKIN HAYES	#1	HAYES		LA	☒ New Completion ☐ Workover



PART NUMBER	DESCRIPTION	ESTIMATE
	Long String	
1	Otis Pos. #2 Nipple w/1.625" ID	2979.08
2	5½" #20# x 1.9 x 1.9 PH2 PACKER	8271.91
3	Otis Polish Nipple	8311.91
4	Rubber Coated Blast J.	8315.34
5	Otis Pos. 1 5" Nipple	8345.02
6	Locator Sub	9637.80
7	8 - 2.812" x 2" Seal Units	9638.00 Top
8	2⅞" 10 Rd x 5 Prod Tube	9646.00
9	5½" 20 23# x 2.812" Type AN PKR	9637.80
	SHORT String	
1	Otis Pos. 1 Nipple w/1.5 I.D.	2993.31
2	1½" Stinger w/ Collet	8271.71
	SIPHONINA DAVIS SAND 8330-8333	
	HET SAND 9694-9698	
	TOTAL ESTIMATE	

U.S. GEOLOGICAL SURVEY
APR 18 1973
LAKE CHARLES

142399

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION
BATON ROUGE, LOUISIANA

Packer Leakage Test

(To be submitted in duplicate with the District Manager in whose District the well is located)

Field Name Hayes

Operator Ranger Oil Company Lease VU A; Hawkins-Hayes Well No. 1

Address: Lafayette, Louisiana 70501 Parish Jefferson Davis

P. O. Box No. 51617 District Lake Charles

Test No. 1

Date and time well shut in 6:00 p.m. 3-30-73 (Both Completions)

DATA ON PRODUCING COMPLETION: Date &Time Well Opened 10:00 a.m. 3-31-73
Completion producing 9694'-98' Reservoir HET Choke Size 12/64 Inches
Stabilized shut-in pressure prior to test 3600 psi
Stabilized flowing pressure during test 3400 psi
Length of time required for stabilization of flowing pressure: 1/2 hours
Stabilized shut-in pressure at the end of test 3600 psi
Length of time required for obtaining this stabilized shut-in pressure 1/2 hours

DATA ON SHUT-IN COMPLETION:
Completion shut-in 8330'-33 Reservoir Siphonina-Davisi 8300' Sand
Stabilized Shut-in pressure prior to test 3100 psi
Shut-in pressure during test: Minimum: 3100 psi; Maximum 3100 psi
Stabilized shut-in pressure at the end of the test 3100 psi
Length of time required for obtaining this stabilized pressure at the end of the test: 1/2 hours.
Maximum pressure change of shut-in completion during test None psi (increase) (decrease)

Test No. 2

Same well bore as in Test No. 1, but with 8330-33' completion producing and 9694'-98' completion shut-in.
Date and time shut-in 7:00 a.m. 3-31-73

DATA ON PRODUCING COMPLETION: Date & Time Well Opened 7:00 a.m. 3-31-73
Completion producing 8330-33' Reservoir Siph.-Dav. Choke Size 8/64 ins.
Stabilized shut-in pressure prior to test 3100 psi
Stabilized flowing pressure during test: 3000 psi
Length of time required for stabilization of flowing pressure: 1/2 hours

DATA ON SHUT-IN COMPLETION:
Completion shut-in 9694-98' Reservoir HET
Stabilized shut-in pressure prior to test 3600 psi
Shut-in pressure during test: Minimum 3600 psi; Maximum 3600 psi
Maximum pressure change of shut-in completion during test none psi (increase) (decrease)

Classification of completion testing, whether oil well or gas well:
Tubing Gas Casing Gas
Was the Commission's District Office notified of this test 24 hours prior to the shut-in of both completions at the start of this test? Yes

REMARKS:

Form P.L.T. No. 1

DEPT. CONSERVATION
APR 18 1973
LAKE CHARLES

INSTRUCTIONS

1. This form is to be completed in duplicate and filed with the appropriate District Office of the Department of Conservation.

2. Prior to beginning this test the well shall be shut in a sufficient length of time to allow wellhead pressures to become stabilized and for a minimum of 2 hours thereafter.

3. During any test the rate of production for the well being produced shall not be less than the anticipated scheduled allowable for an oil well and shall not be less than the anticipated maximum daily withdrawal for a gas well.

4. For Test No. 1 the well shall be produced on one side with the other side shut-in until wellhead pressures have become stabilized and for a minimum of 2 hours thereafter.

5. In the case of artificial lift, or flowing completions that produce intermittently or by heads, or wells which produce in such a manner that wellhead pressures will not stabilize in 12 hours, the minimum producing or shut-in time allowed for stabilization shall be 12 hours.

6. Following Test No. 1 the well shall be shut-in until wellhead pressures have become stabilized and for a minimum of 2 hours thereafter.

7. Test No. 2, with the previously shut-in well flowing and the previously flowing well shut-in, shall be conducted exactly as outlined for Test No. 1 and shall be performed even though no leak was indicated by Test No. 1.

8. All pressures shall be measured with gauges in proper working condition.

CERTIFICATION:

I, HEREBY CERTIFY That all conditions prescribed by the Department of Conservation of the State of Louisiana for this Packer Leakage Test were complied with and carried out in full and that all dates and facts set forth on both sides of this Form are true and correct.

W. C. BREWSTER for RANGER OIL COMPANY
(Representative of Company Making Test) (Company Making Test)

RECEIVED
APR 23 1973
DEPT. OF CONSERVATION
PERMIT SECTION
BATON ROUGE, LA.

142399

State of Louisiana

DEPARTMENT OF CONSERVATION

Inter Office

Date: 4/19/73

To: Baton Rouge Office

From: Lake Charles District

Att'n: Fritz Spencer

Enclosed herewith please find application from Ranger Oil Company for permit to dual their VU A; Hawkins-Hayes #1-D Zone: , Hayes Field, Jefferson Davis Parish.

Also enclosed please find:

Check No. _____ in the amount of $ _____

Well Location Plat _____

Well Location Certification _____

Form A. D. C. X Packer Setting Cast X

Electric Log X Packer Leakage test X

Schematic Diagram X Completion report Prev. sub.

Applicable Department of Conservation Order No. _____ Pending Hearing Docket No. _____

Remarks & Recomendations:

This completes the data in connection with this dual completion.

Yours very truly,

By: Wm C Wilhite

District Manager

W. C. Wilhite

cc: Geological Survey

LT-1

OK

SERIAL # 142399
SEC. 20 T 11S R. 5W
ZONE
ADVERTISED: YES X NO
DATE ADV. 5-30-73

APPLICATION FOR DUAL COMPLETION
IN THE Hayes FIELD

(To be filed in duplicate with the District Manager in whose District the well is located)

Date: April 6, 1973

Field Name: Hayes Parish: Jefferson Davis Dept. Dist. 13

Operator: Ranger Oil Company Lease: VUA; Hawkins-Hayes Well No. 1-D

1. Are the reservoirs herein requested to be used for dual completion presently recognized by the Department of Conservation as separate reservoirs as the result of prior applications for permission to dually complete? Yes

   A. If answer to above question is "No", all offset operators in the field must be furnished a copy of this application.

2. Identify one instance (operator, lease, well number) wherein the Department granted dual completion involving these same two zones in this field. Do not know of any other well that has been dually completed in field.

3. Are the reservoirs herein requested separate and distinct common sources of supply throughout the known area of the field? Yes

4. The following facts are submitted:

	UPPER ZONE	MIDDLE ZONE	LOWER ZONE
a. Name of reservoir	Siphonina-Davisi 8300' Sand		HET
b. Top of Pay Section	8330'		9694'
c. Bottom of Pay Section	~~8355'~~ 8355		~~9698'~~ 9712
d. Perforations	8330-33'		9694-98'
e. Type of Production (Oil or Gas)	Gas		Gas
f. Reservoir Pressure (B.H.P.)	3784		4257

5. The following are attached. (Please mark YES or NO.)

   a. Electrical log with tops and bottoms of producing zones and perforated intervals shown and marked. Yes

   b. Diagrammatic sketch of proposed dual completion installation. Yes

   c. Plat showing location of well. Yes

6. List all offset operators to the lease on which this well is located together with their correct mailing address. If Item 1-A above is applicable, also list all operators in field.

None

7. Has each of the operators listed in Item 6 above been furnished a copy of this application ? None Give date furnished: --

8. Are letters waiving notice of hearing from each of the above offset operators attached? No

9. Is this location, with respect to both zones, in compliance with applicable Department rules and regulations? Yes

Form A.D.C. No. 1

DEPT. CONSERVATION
APR 18 1973
LAKE CHARLES

Form A.D.C. No. 1
(Continued)

10. Is the fluid produced from either of these zones conducive to corrosion to the extent that any resulting corrosion will damage tubing or casing? No

11. If the answer to 10 above is yes, what steps are proposed to control this corrosion problem? _____

RANGER OIL COMPANY
Operator

By Don Chamblin
Don Chamblin

C E R T I F I C A T E

This is to certify that, to the best of my knowledge and belief, the information contained in this application is true and correct.

Signed: Don Chamblin
Don Chamblin
Title: Engineer
Representing: Ranger Oil Company

RECEIVED
APR 23 1973
DEPT. OF CONSERVATION
PERMIT SECTION
BATON ROUGE, LA.

I N S T R U C T I O N S

1. This Form is to be completed in Duplicate, and filed with the District Manager in whose District the well is located.

2. Item 2, the name of reservoir, should correspond to reservoir nomenclature of Department of Conservation Orders, should Orders exist.

3. Item 8, request for waiver, must contain the following:

a. Operator, lease, and well number involved.

b. Copy of application for dual completion.

c. Date application will be mailed to the District Manager's Office.

State of Louisiana

DEPARTMENT OF CONSERVATION

Inter Office

Date: 4/10/73

To: Baton Rouge Office

From: Lake Charles District

Att'n: Fritz Spencer

Enclosed herewith please find application from Ranger Oil Company for permit to dual their VU A; Hawkins-Hayes Well No. 1-D Zone: , Hayes Field, Jefferson Davis Parish.

Also enclosed please find:

Check No. 320 in the amount of $ 125.00 ✓

Well Location Plat xxxx

Well Location Certification xxxx

Form A. D. C.

Electric Log

Schematic Diagram

Applicable Department of Conservation Order No. 29-B,C,& E Pending Hearing Docket No.

Remarks & Recomendations:

Recommend approval. Routine.

Yours very truly,

By: W. C. Wilhite

District Manager
W. C. WILHITE

cc: Geological Survey
WCW:JT
LT-1

FORM MD 13-B

WELL FILE COPY

STATE OF LOUISIANA
DEPT. OF CONSERVATION

PERMIT TO DRILL FOR MINERALS

PERMIT $100.00
Multiple Zone Processing
DUAL COMPLETION-$25 DUAL FEE

Send To LAKE CHARLES/11 Date APRIL 11, 1973

Serial No. Ser. #142399 API #1705320319

Parish JEFFERSON DAVIS Field HAYES

Operator RANGER OIL COMPANY

Address P.O. BOX 51617, ATT: DON CHAMBLIN

City & State LAFAYETTE, LOUISIANA 70501

Well Name VUA; HAWKINS-HAYES NO. 1-D

Location SEC 20, T11S, R5W
EAST 3100' AND SOUTH 850' FROM THE NORTHWEST CORNER OF SECTION 20, T-11S, R-5W.

P. T. D. PBTD 9810'

Zone or Reservoir of Proposed Completion SIPHONINA-DAVISI 8300' SAND

Applicable Department of Conservation Order 29C, 29B, 29E

COMMISSIONER

F. L. Spencer, Jr. Dp
ISSUING AUTHORITY

126378

CAPITAL CITY PRESS

142399

Publisher of

STATE-TIMES

PROOF OF PUBLICATION

The hereto attached notice was published in the STATE-TIMES, a daily newspaper of general circulation, published in Baton Rouge, Louisiana, and the Official Journal of the State of Louisiana, in the issues of:

May 30, 1973

Advertising Manager

Sworn and subscribed before me by the person whose signature appears above in Baton Rouge, La. on this 30 day of May 19 73 AD.

Notary Public

My Commission Expires: Indefinite

RE: MULTIPLE COMPLETIONS
LEGAL NOTICE

STATE OF LOUISIANA, DEPARTMENT OF CONSERVATION, BATON ROUGE, LOUISIANA.

In accordance with the laws of the State of Louisiana, and with particular reference to the provisions of Title 30 of Louisiana Revised Statutes of 1950 and revised Department of Conservation Order No. 29-C, the following applicants have met all the requirements of the Department of Conservation Order No. 29-C (revised).

The following applicatinns have been received and permits to drill issued.

Amerada Hess Corporation, Mallard Bay SL 377 No. 10-D, Sec. 12, T14S, R4W, Grand Lake Field, Cameron Parish, Louisiana from the "L" Sand through perf. from 8651' to 8637' and from the "M" Sand through perf. from 8903' to 8905', Serial No. 93854.

Getty Oil Company, Buras Levee Dist. No. 167-D, Sec. 23, T21S, R30E, Venice Field, Plaquemines Parish, Louisiana from the M-3 Sand through perf. from 7520' to 7532' and from the B-7 Sand through perf. from 8619' to 8629', Serial No. 142466.

LL&E, LL&E Fee No. 1-D, Sec. 8, T15S, R16E, Lake Hatch Field, Terrebonne Parish, Louisiana from the 9,709' Stray Sand through perf. from 9,652' to 9,664' and from the 9,850' Sd. through perf. from 9,841' to 9,856', Serial No. 141331.

Ranger Oil Company, VUA: Hawkins-Hayes No. 1-D, Sec. 20, T11S, R5W, Hayes Field, Jefferson Davis Parish, Louisiana from the Siphonina-Davisi Sand through perf. from 8330' to 8333' and from the HET Sand through perf. from 9694' to 9698', Serial No 142399.

Shell Oil Company, BB 01 RA VU; Watkins No. 164-D, Sec. 18, T12S, R12W, Black Bayou Field, Cameron Parish, Louisiana from the "O" SAnd through perf. from [illegible] to 5544', from the "02" Sand through 5828' to 5832', Serial No. 133521.

Signal Petroleum, LW 25-A RA SU; E. Cockerell Jr. et al No. 23D, Sec. — T19S, R26E, Lake Washington Field, Plaquemines Parles, Louisiana from the No. 25-A Sand through perf. from 13,308' to 13,312', 13,401' to 13,403' Serial No. 120732.

Texaco Inc., Leo A. Marrero et al #29-D, Sec. T17S, R24E, Lafitte Field, Jefferson Parish, Louisiana from the "3800" Sand Sec. "C" through perf. from 3651' to 3669' and from the 5700' Sand Sec. "C" Sand through perf. from 6734' to 6735', Serial #123470.

Should any interested party feel that the above listed multiple completions should not be approved, he must make his objection, in writing, to the Commissioner of Conservation, Baton Rouge, Louisiana, within fifteen (15) days from the date of this notice. In the absence of any letters of protest and fifteen (15) days from the date of this notice, the Commissioner of Conservation will consider the above applications approved.

ST—004385—may 30—1t

Work Permit

STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

1 ✓

Well Name & No. VUA; Hawkins Hayes No. 1-D Sec. 20 T 11S R 5W

Field Hayes Parish Jefferson Davis

Permit Serial No. 142399 Work Permit No. 10-95-73

Description of Work Plug and abandon well. Cut and pull approximately 3900' of 5 1/2" casing. Spot cement plugs and weld plate over 9 5/8" surface casing 4' below ground level.

Sand & Reservoir To Be Tested N/A TD 10,555'

Operator Ranger Oil Company

Address 741 Main Building, 1212 Main St.

City, State & Zip Houston, Texas 77002

Permit Requested By Original Signed By RICHARD A. PORTER Richard A. Porter Date 10/5/73

Permit Authorized By W. E. Willett District 12 Date 10/8/73

See Instructions On Reverse Side

Form DM-4R Rev.

INSTRUCTIONS

A single application will suffice for one, or combinations of, the below operations provided that if more than one operation is requested on one form, such work must be performed consecutively.

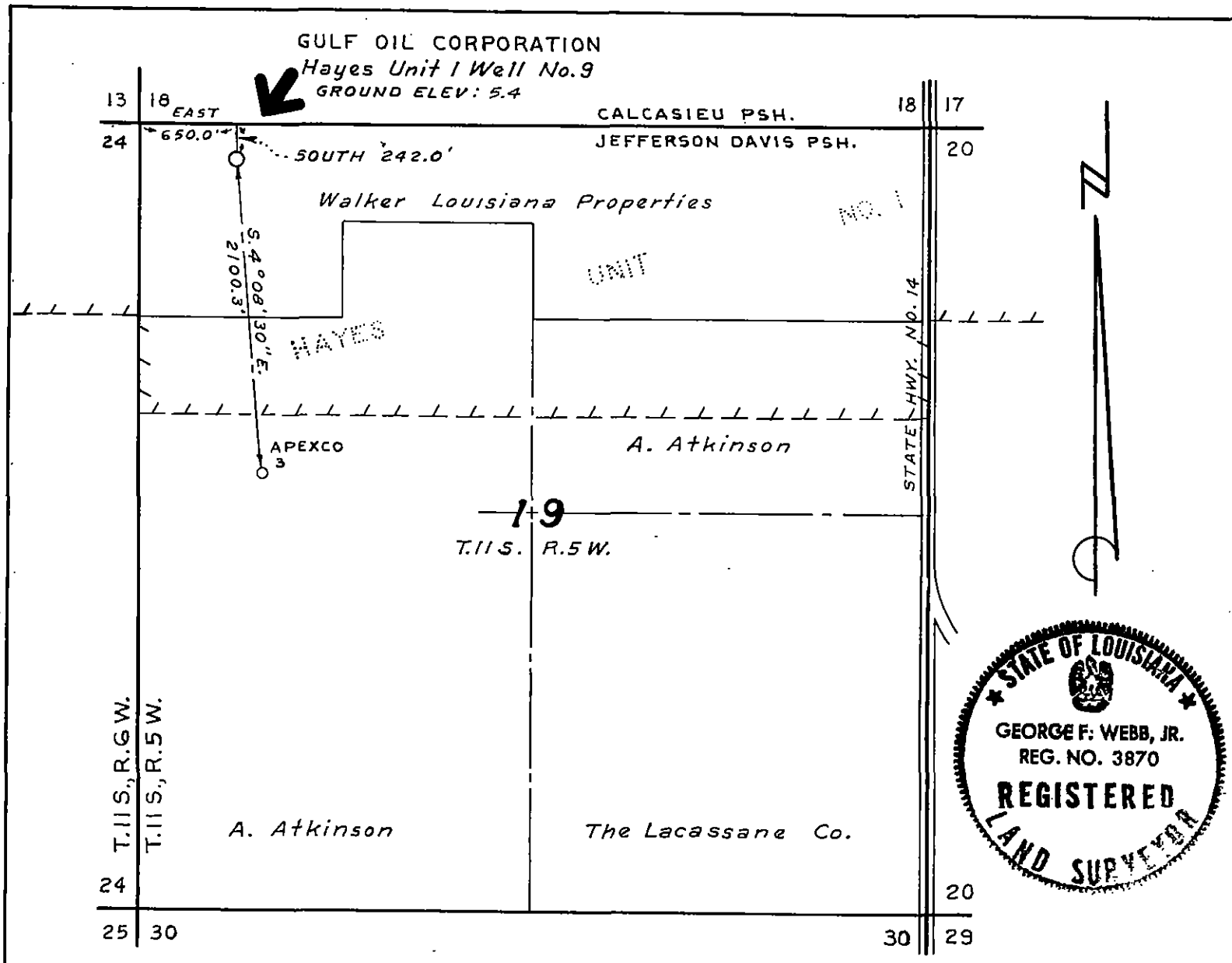
If additional applications for Work Permits are necessary on any one well, each should be numbered 1, 2, etc. in the order requested. An original and one copy of this form will suffice for all work with exception of plug and abandon, for which an original and three copies are required.

1. Abandon (Plug & Abd)
2. Deepen
3. Perforate
4. Squeeze
5. Plugback
6. Sidetrack
7. Pull Casing
8. Change Zone of Selective Completion
9. Drill Salt Water Disposal Well
10. Convert to Salt Water Disposal Well
11. Drill Product Storage Well

RECEIVED
OCT 1973
DEPT. OF CONSERVATION
PERMIT SECTION
BATON ROUGE, LA.
LAKE DEPT. OF WILDLIFE

NOTICE: To perform any of the above, as well as any other possible operations in Louisiana, without first obtaining a Permit is an infraction of the law and subject to prosecution.

153121



STATE OF LOUISIANA
GEORGE F. WEBB, JR.
REG. NO. 3870
REGISTERED
LAND SURVEYOR

WELL LOCATION:
GULF OIL CORPORATION
Hayes Unit 1 Well No. 9

From the Northwest corner of Section 19, T.11 S., R.5 W. go East along the North Line 650.0 feet, thence South 242.0 feet to the Location.
Ground Elev. 5.4

We hereby certify that we staked the above Well Location as shown July 15, 1976. Whitaker & Webb, Civil Eng'r's.

George F. Webb, Jr.
GEORGE F. WEBB, JR., LA. REG. NO. 3870

GULF OIL CORPORATION

WELL LOCATION
HAYES FIELD
SECTION 19
T 11 S., R. 5 W.
JEFFERSON DAVIS PARISH

SCALE: 1" = 1000' JULY 16, 1976

Whitaker & Webb
Civil Engineers
Lake Charles, La.

State of Louisiana

DEPARTMENT OF CONSERVATION

Inter Office

Date: 9/3/76

To: Baton Rouge Office

From: Lake Charles District

Attn: Joseph F. DeVall

Enclosed herewith please find application from Gulf Oil Corporation for permit to drill their VUA; Hayes U-1 #9, Hayes Field Jefferson Davis Parish, Louisiana. Zone onshore

Also enclosed please find:

Check No. 1084 in the amount of $ 100.00.

xxx Well location plat

xxx Well location certification

29-B
29-E

____ Form A.D.C.
____ Electric Log
____ Schematic diagram
____ (Dual) structure map if well does not comply with existing Orders
____ (Selective-Onshore) structure map showing reservoir limits
____ (Selective-Offshore) letter(s) of no objection from offset operators

Applicable Department of Conservation Order No. 29-B & E.

Pending Hearing, Docket No. _____.

Remarks & Recommendations:

Recommend approval. Routine.

By W. C. Wilhite
District Manager

W. C. WILHITE

cc: Geological Oil & Gas Division
Prod. Audit (for Amended Permits only)

LT-1

FORM MD 13-R

STATE OF LOUISIANA
DEPT. OF CONSERVATION

WELL FILE COPY

PERMIT TO DRILL FOR MINERALS

PERMIT $100.00
Multiple Zone Processing

ATT

Send To LAKE CHARLES/8 Date SEPTEMBER 7, 1976

Serial No. Ser. #153121 API #1705320475

Parish JEFFERSON DAVIS Field HAYES

Operator GULF OIL CORP.

Address P.O. BOX 15327, OCS

City & State LAFAYETTE, LOUISIANA 70501

Well Name VUA; HAYES U 1 NO. 9

Location SEC 19, T11S, R5W
FROM NW/COR SEC. 19 TO E ALONG THE NORTH LINE 650',
THENCE S 242' TO THE LOCATION.

Zone or Reservoir of Proposed Completion P. T. D. 12,500'
CAM II AND CIB HAZ

Applicable Department of Conservation Order 29E, 29B

COMMISSIONER

Joseph L. DeVall

ISSUING AUTHORITY

137219

State of Louisiana

R. T. SUTTON
COMMISSIONER

DEPARTMENT OF CONSERVATION
P. O. BOX 44275 – CAPITOL STATION
BATON ROUGE, LA 70804

September 8, 1976

RE: **Jefferson Davis Parish**
Hayes Field
VUA; Hayes U 1 Well #9
Serial #153121

Gulf Oil Corp.
P.O. Box 15327, OCS
Lafayette, Louisiana 70501

Gentlemen:

The above application for Permit to Drill is being issued with the understanding that you will furnish the appropriate District Manager with Inclination and/or Directional Survey data as proof that the well will be completed in compliance with the provisions of the Statewide Order No. 29-B, Section XVIII, dated March 1, 1967, before an allowable will be assigned said well.

In addition, this well cannot be completed in any pool in which the location does not conform with the provisions of Statewide Order No. 29-E.

Very truly yours,

R. T. SUTTON, COMMISSIONER
DEPARTMENT OF CONSERVATION

BY_____
J. W. Hecker
Chief Engineer

cc: **W. C. Wilhite**
District Manager
Lake Charles

JFD/djp

29-B & 29-E

DEPARTMENT OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO.: 153121

PRODUCING INTERVAL: -

RESERVOIR (COMPANY SAND IDENTIFICATION): CAM II - Cib haz

Three typewritten copies of this report must be filed with the District Office of the Department of Conservation in which the well is located within twenty (20) days of the date of completion: NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA Drill Permit #137219

DESIGNATE TYPE OF COMPLETION: NEW WELL [X] RECOMPLETION [ ] SAME RESERVOIR [ ] DIFFERENT RESERVOIR [ ] OIL [ ] GAS [ ] P&A [X]

OPERATOR: Gulf Oil Corporation	ADDRESS: P.O. Box 51327, Lafayette, La. 70501
WELL NAME: Hayes UI	WELL NO.: 9
PARISH: Jeff. Davis	SEC. 19 TWP. 11S RGE. 5W
DATE PERMIT ISSUED: 9/7/76	
DATE SPUDDED: 10/8/76	DATE READY TO PRODUCE*: -
TOTAL DEPTH: 11,556'	PBTD.: -
GROUND ELEVATION: 5.4'	CASING HEAD FLANGE ELEVATION: 18.50
DISTANCE FROM RKB TO CHF: 18.50	
DATE WELL TURNED INTO TANKS: -	SINGLE, DUAL OR TRIPLE COMPLETION?
NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION	
WAS WELL DIRECTIONALLY DRILLED? No	WAS DIRECTIONAL SURVEY MADE? -
WERE 3 COPIES FILED WITH THE DEPARTMENT OF CONSERVATION? -	DATE FILED -
TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH DEPT. OF CONSERVATION): Schl. ISF Sonic	DATE FILED: 11/12/76

CASING, LINER AND TUBING RECORD

CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED	NAME OF TEST WITNESS-STATE IF DEPT. AGENT OR OFFSET OPERATOR
10 3/4	14 3/4	40.50	2490	1400	1500	22	10/9/76	M. Schmidt
7 5/8	9 7/8	29.70	10200	500	2000	40	10/22/76	M. Schmidt

TUBING SIZE: - DEPTH OF TUBING: - DEPTH OF PACKER(S): -

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	CHOKE SIZE	WELL STATUS
- BOPD	- MCF/DAY	-	-

TUBING PRESSURE	CASING PRESSURE	GOR	BS & W	BHP - (SHUT-IN)
- psig	- psig	-	- %	- psi

GRAVITY	CONSERVATION AGENT MAKING GAUGE	COMPANY REPRESENTATIVE	DATE GAUGED
- °API@60°F	-	-	-

PLUG AND ABANDON (P&A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF DEPT. AGENT OR OFFSET OPERATOR
10 3/4"	None	9830	10,750	265	Halliburton	11/15/76	M. Schmidt
	Set Retainer @ 9801' Dry hole head put on well for T.A. and later re-entry.						

CERTIFICATE: I, the undersigned, state: That I am employed by Gulf Oil Corp. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Form WH Signature: Corv. T. Jones, Jr. Title: Area Prod. Manager

* Date well is equipped to produce, but due to no available market, no pipe line connection, etc.; the well has been shut-in.

WORK RESUME

List below all work performed under Department of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt tops and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

RECEIVED
DEC 10 1976
DEPT. OF CONSERVATION
PERMIT SECTION
BATON ROUGE, LA.

DEC 1 1976

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

PLUG AND TEMP ABANDON REPORT

DATE WORK DONE 11-15-76

WELL SERIAL NO. 153121
WORK PERMIT NO. _____

Lake Charles DISTRICT
(Three Copies to be Filed with the District Office)

NOTE: This Report Will be Returned if Not Properly Completed And Signed.

Field Hayes Parish Jeff Davis Sec. 19 Twp. 11S Rge. 5W

Company Gulf Energy + Min. Lease VUA; Hayes Well No. 9

Total Depth 11556 Condition of Well Dry

1. Surface Casing Size 10 3/4 Depth 2490 Amount Pulled None
2. Protection Casing Size 7 5/8 Depth 10198 Amount Pulled None
3. Production Casing Size — Depth — Amount Pulled —

CEMENT PLUGS

1. Depth 9830 To 10250 No. of Sacks 265 How Placed Halliburton
2. Depth _____ To _____ No. of Sacks _____ How Placed _____
3. Depth _____ To _____ No. of Sacks _____ How Placed _____

Mud Record: Weight 16 Viscosity 48

Remarks: Retainer Set @ 9801. Dry hole head put on well for Temp Abandon and Later Re-entry.

This work was done according to the Rules and Regulations of the Department of Conservation.

Maurice Schmitz
WITNESS

Gulf Energy & Mineral
COMPANY

D. W. Folsom
(Signed) REPRESENTATIVE

Form - P & A

STATE OF LOUISIANA

OFFICE OF CONSERVATION

PLUG AND ABANDON REPORT

WELL SERIAL NO. 153121

WORK PERMIT NO. _____ DATE WORK FINISHED (MM-DD-YY) 6-22-79

Lake Charles DISTRICT

(Three Copies to be Filed with the District Office)

NOTE: This Report Will Be Returned If Not Properly Completed And Signed.

Field Hayes Parish Jeff Davis Sec. 19 Twp. 11 S Rge. 5 W

Operator Gulf Oil Corp. CODE 2264 Well Name Hayes Unit 1 Well No. 9

Total Depth 10200 Condition of Well Dry

CHECK APPROPRIATE BOX:

- [x] 29 DRY HOLE
- [ ] 30 FORMERLY PRODUCTIVE WELL

	CASING SIZE	AMOUNT PULLED	CEMENT PLUGS			
			FROM	TO	SACKS	HOW PLACED
301	18 3/4	None	2263	2463	73	W.L Estis
302	7 5/8	2358	3½	33½	26	" "
303						
304						

Mud Record: Weight F.W. Viscosity _____

Remarks: Steel plate weld on top. Tagged plug @ 2263

This work was done according to the Rules and Regulations of the Office of Conservation.

Maurice Schmidt
WITNESS

Gulf Oil Corp
OPERATOR

(Signed) [signature]
REPRESENTATIVE

Form P & A (1-78)

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO.: 153121

PRODUCING INTERVAL: –

RESERVOIR (COMPANY SAND IDENTIFICATION): Cam II – Cib Haz

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA: Drill Permit #137219

CHECK APPROPRIATE BOXES		PRODUCT	IF RECOMPLETION	DATE ~~COMP./RECOMP.~~, ~~OR~~ P & A (M D Y)
[ ] NEW WELL	[ ] 31 INACTIVE DRY HOLE FUT. UTIL	[ ] OIL	[ ] SAME RESERVOIR	6-22-79
[ ] RECOMPLETION	[X] 32 INACTIVE DRY HOLE NO FUT. UTIL.	[ ] GAS	[ ] DIFFERENT RESERVOIR	
[X] P & A	[ ] 36 INACTIVE WAITING ON PIPELINE	[X] OTHER		
	[ ] 37 INACTIVE WAITING ON MARKET			

OPERATOR	CODE	ADDRESS
Gulf Oil Corp~~oration~~	2264	P. O. Box 51327 Lafayette, LA 70505

WELL NAME	WELL NO.
VUA; Hayes U~~nit~~ 1	9

PARISH	SEC.	TWP.	RGE.	DATE PERMIT ISSUED
Jeff Davis	19	15S	5W	7-10-79

DATE SPUDDED (M D Y)	DATE READY TO PRODUCE*	TOTAL DEPTH	PBTD.
10-8-76	–	11,556	–

GROUND ELEVATION	CASING HEAD FLANGE ELEVATION	DISTANCE FROM RKB TO CHF
5.4'	18.50	18.50

DATE WELL TURNED INTO TANKS	SINGLE, DUAL OR TRIPLE COMPLETION?	NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION
–	–	

WAS WELL DIRECTIONALLY DRILLED?	WAS DIRECTIONAL SURVEY MADE?	WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?	DATE FILED
–	–	–	–

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION)	DATE FILED
Schl. ISF Sonic	11/12/76

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101		Same as drill.								
102										
103										
104										
105										

TUBING SIZE: – DEPTH OF TUBING: --- DEPTH OF PACKER(S): –

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	GOR	CHOKE SIZE	PRODUCING METHOD
– BOPD	– MCF/DAY	– CF/BBL	– /64"	–

FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE	WATER PRODUCTION	BS&W
– psig	– psig	–	– BPD	– %

GRAVITY	BHP (SHUT-IN)	COMPANY REPRESENTATIVE	DATE GAUGED
– °API@60° F	– psig	–	–

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
10 3/4	None	2263	2463	73	W. L. Estis	6/22/79	Maurice Schmitt-Conser.
7 5/8	2358	3½	33½	16	W. L. Estis	6/22/79	" " "

CERTIFICATE: I, the undersigned, state: That I am employed by Gulf Oil Corp. and that I am authorized to make this report and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: E. H. Sheffield Title: Area Engineer

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc.; the well has been shut-in.

FORM WH-1 (1-78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
567-79	6/22/79	W. L. Estis	P. & A. Cut & recover 7 5/8" csg. Spot 200' cmt. plug - 100' in & out of csg. cut; spot 30' @ surface & weld ½" steel plate.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

JUL 17 1979

DEPT. OF CONSERVATION

CONSERVATION DEPT.

JUL 13 1979

LAKE CHARLES

Work Permit

STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

Well Name & No. Hayes Unit 1 No. 9 Sec. 19 T 11S R 5W

Field Hayes Parish Calcasieu

Permit Serial No. 153121 Work Permit No. 567-79

Description of Work Cut & recover 7 5/8" casing; spot 200' cmt plug - 100' in & out of casing cut; spot 30' @ surface & weld 1/2" steel plate.

Sand & Reservoir To Be Tested Plug & Abandon TD 11556'

Operator Gulf Oil Corporation

Address P. O. Box 51327

City, State & Zip Lafayette, LA 70505

Permit Requested By E.H. Sheffield Date 7-9-79

Area Engineer

Permit Authorized By District L. C. Date 7/10/79

See Instructions On Reverse Side

Form DM-4R Rev.

INSTRUCTIONS

A single application will suffice for one, or combinations of, the below operations provided that if more than one operation is requested on one form, such work must be performed consecutively.

If additional applications for Work Permits are necessary on any one well, each should be numbered 1, 2, etc. in the order requested. An original and one copy of this form will suffice for all work with exception of plug and abandon, for which an original and three copies are required.

1. Abandon (Plug & Abd)
2. Deepen
3. Perforate
4. Squeeze
5. Plugback
6. Sidetrack
7. Pull Casing
8. Change Zone of Selective Completion
9. Drill Salt Water Disposal Well
10. Convert to Salt Water Disposal Well
11. Drill Product Storage Well

CONSERVATION DEPT.
JUL 10 1970
LAKE CHARLES

NOTICE: To perform any of the above, as well as any other possible operations in Louisiana, without first obtaining a Permit is an infraction of the law and subject to prosecution.

Schlumberger

ISF SONIC

COMPANY GULF OIL CORPORATION

WELL HAYES UNIT 1 NO. 9

FIELD HAYES

COUNTY JEFF DAVIS STATE LOUISIANA

Location: FNW/C SEC. 19. 90 S 242' & E 650' TO LOCATION.

API Serial No. 153121

Sec. 19 Twp. 11S Rge. 5W

Other Services: CDR, ST

153121

Permanent Datum: BHF Elev.: NA

Log Measured From RKB 22.5 Ft. Above Perm. Datum

Drilling Measured From SAME

Elev.: K.B. NA D.F. NA G.L. NA

COUNTY JEFF DAVIS

FIELD or LOCATION HAYES

WELL HAYES UNIT 1 NO.9

COMPANY GULF OIL CORP.

Department of Conservation RECEIVED DEC 22 197? GEOLOGICAL SECTION

Date	10-20-76	11-11-76		
Run No.	ONE	TWO		
Depth—Driller	10200	11556		
Depth—Logger	10207	11560		
Btm. Log Interval	10206	11554		
Top Log Interval	2489	10210		
Casing—Driller	10 3/4 @ 2490	7 5/8 @ 10200	@	@
Casing—Logger	2489	10210		
Bit Size	9 7/8	6 1/2		
Type Fluid in Hole	LIGNOSULF.	LIGNOSULF.		
Fluid Level	FULL	-		
Dens. / Visc.	13.2 / 42	16 / 48		
pH / Fluid Loss	8.5 / 6 ml	10 / 2.7 ml	ml	ml
Source of Sample	PIT	OIL		
Rm @ Meas. Temp.	1.04 @ 94 °F	0.72 @ 71 °F	@ °F	@ °F
Rmf @ Meas. Temp.	1.01 @ 58 °F	0.92 @ 73 °F	@ °F	@ °F
Rmc @ Meas. Temp.	1.56 @ 94 °F	1.1 @ 71 °F	@ °F	@ °F
Source: Rmf / Rmc	M / C	M / C		
Rm @ BHT	0.57 @ 173 °F	0.29 @ 208 °F	@ °F	@ °F
Time Since Circ.	6 HRS.	5 HRS.		
Max. Rec. Temp.	173 °F	208 °F	°F	°F
Equip. / Location	7631 / OPEL	7654 / OPEL		
Recorded By	WINSTON	BROOM		
Witnessed By	MESSRS. WELLS	FULMER		

FOLD HERE WE/ The well name, location and borehole reference data were furnished by the customer.

CHANGES IN MUD TYPE OR ADDITIONAL SAMPLES

Date / Sample No.				
Depth - Driller				
Type Fluid in Hole				
Dens. / Visc.				
ph / Fluid Loss				ml
Source of Sample				
Rm @ Meas. Temp.	@	°F	@	°F
Rmf @ Meas. Temp.	@	°F	@	°F
Rmc @ Meas. Temp.	@	°F	@	°F
Source: Rmf / Rmc				
Rm @ BHT	@	°F	@	°F
Rmf @ BHT	@	°F	@	°F
Rmc @ BHT	@	°F	@	°F

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

EQUIPMENT DATA

Run No.	ONE	TWO
Ind. Panel No.	UD-234	257
Mem. Panel No.	AB-138	79
Ind. Cart. No.	QB-249	208
Ind Sonde No.	VA-258	262
Sonic Panel No.	JG-27	389
Oscil. Panel No.	A-118	129
Sonic Cart. No.	DD-404	492
Sonic Sonde No.	QA-X3	1399
G.R. Cart. No.	-	-
G.R. Panel No.	-	-
Caliper No.	-	-
TTR No.	DB-720	885
S.E.	5.7 MMHO	16 MMHOS
SBR	0.5	0.5 M
Cent. Device	CME-Z	W.A.
Stand off-Inches	CENTER	1/2
Time Const.-Sec.	-	-
Speed-F.P.M.	-	-

REMARKS

Service Order No. - 21637

(1) SP ELEC. SP SHIFT AT 9129.

Velocity (feet per second) = 1,000,000 / Interval Transit Time (microseconds per foot)

[X] Surface determined sonde errors used for 6FF40.

[ ] 6FF40 conde error corrected for ___ inch borehole signal at Rm —

[ ] 6FF40 zero set in hole at depth of ___ feet.

11-22-76 021637

CALIBRATION DATA

CALIBRATION:	BACKGND. CPS.	SOURCE CPS.	GALV. INCR. DIVISION	SENS. TAP (FOR CAL.)	SENS. TAP (RECORD)	TIME CONST.
GAMMA RAY:						

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

SPONTANEOUS POTENTIAL MILLIVOLTS	DEPTHS	RESISTIVITY OHMS. M²/M	CONDUCTIVITY
— 20 +		DEEP INDUCTION R_{ILD} 0 — 10	
		FOCUSED RESISTIVITY (SFL) R_{SFL} Av. 8000	4000 — 0
		0 — 10	
		AMP. FOCUSED RESISTIVITY R_{SFL} Av. 0 —	

		AMP. FOCUSED RESISTIVITY R_{SFL} Av. 0 — 2	
		FOCUSED RESISTIVITY (SFL) R_{SFL} Av. 0 — 10	4000 — 0
		0 — 100	
— 20 +		DEEP INDUCTION R_{ILD} 0 — 10	
SPONTANEOUS POTENTIAL MILLIVOLTS	DEPTHS	RESISTIVITY OHMS. M²/M	CONDUCTIVITY

COMPANY GULF OIL CORPORATION

WELL HAYES UNIT 1 NO. 9

FIELD HAYES

COUNTY JEFF DAVIS STATE LOUISIANA

SCHL. FR. 11554

SCHL. TD. 11560

DRLR TD. 11556

Elev: KB NA DF NA GL NA

AMF / SCIENTIFIC DRILLING
LAFAYETTE, LA.

GYROSCOPIC DIRECTIONAL SURVEY
FOR
xxxxxxxxxxxxxxxxx
xGRAHAM ~~RESOURCES~~x Exploration, Ltd.
xxxxxxxxxxxxxxxxx

JOB NUMBER: 121G1184299

WELL NAME: JUA; HAYES UNIT I WELL #1

LOCATION: HAYES FLD. JEFFERSON DAVIS PARISH, LA.

SURVEY DATE: 11/06/84

Jen. # 195098

SURVEY ENGINEER: AL GRAY

MAGNETIC DECLINATION: AT .00 E

GYRO REFERENCE BEARING: N 2- 0 W

SCIENTIFIC DRILLING CONTROLS

TIE-IN INFORMATION: AT .00 FEET
FROM

METHOD OF CALCULATION: THE RADIUS OF CURVATURE

COMMENTS: GYROSCOPIC MULTISHOT FROM SURFACE TO 9850 FT. M.D.

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
x THIS SURVEY IS CORRECT TO THE BEST OF MY x
xKNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.x
x x
x x
x xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx x
x COMPANY REPRESENTATIVE x
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

195098

AMF / SCIENTIFIC DRILLING
LAFAYETTE, LA.

JOB NUMBER: 121G1184299 DATE: 11/06/84

INRUN SURVEY

BY

THE RADIUS OF CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	COURSE DEV.	INC D M	BEARING D M	COORDINATES LATITUDE	DEPARTURE	D-LEG PER 100	STATION DISPLACEMENT DISTANCE	BEARING
.00	.00	.00	.00	0- 0	N / A	.00 N	.00 E	.00		
1000.00	999.99	-3.96	4.36	0-30	S 53-25 W	2.60 S	3.50 W	.05	4.36	AT S 53-25 W
2500.00	2499.93	-14.64	13.09	0-30	S 73-50 W	8.38 S	15.16 W	.01	17.33	AT S 61- 4 W
3000.00	2999.91	-15.54	4.36	0-30	N 41-27 W	7.23 S	19.14 W	.11	20.46	AT S 69-18 W
3500.00	3499.90	-17.37	3.26	0-15	S 10-28 W	7.93 S	21.67 W	.14	23.07	AT S 69-54 W
4000.00	3999.89	-19.49	3.26	0-30	S 47-52 E	10.89 S	20.66 W	.09	23.36	AT S 62-12 W
4500.00	4499.84	-23.83	6.55	1- 0	S 13-33 W	16.85 S	18.82 W	.18	25.27	AT S 48- 9 W
5000.00	4999.80	-25.75	6.55	0-30	N 5-20 W	16.53 S	23.41 W	.30	28.65	AT S 54-47 W
5500.00	5499.76	-19.60	6.55	1- 0	N 26-46 E	10.17 S	22.20 W	.13	24.42	AT S 65-23 W
6000.00	5999.61	-7.63	12.00	1-45	N 23- 4 E	.71 N	17.15 W	.15	17.16	AT N 87-39 W
6500.00	6499.46	4.19	12.00	1- 0	N 48-10 E	10.38 N	10.22 W	.19	14.57	AT N 44-33 W
7000.00	6999.39	11.90	8.73	1- 0	N 64-17 E	15.22 N	2.99 W	.06	15.51	AT N 11- 7 W
7500.00	7499.34	17.80	6.55	0-30	N 43-23 E	19.06 N	2.27 E	.11	19.20	AT N 6-48 E
8000.00	7999.32	17.22	4.36	0-30	S 37-30 W	17.20 N	4.45 E	.20	17.77	AT N 14-31 E
8500.00	8499.31	14.90	3.26	0-15	N 77-15 W	16.15 N	1.55 E	.09	16.22	AT N 5-28 E

SCIENTIFIC DRILLING CONTROL

AMF / SCIENTIFIC DRILLING
LAFAYETTE, LA.

JOB NUMBER: 121G1184299 DATE: 11/06/84

INRUN SURVEY

BY

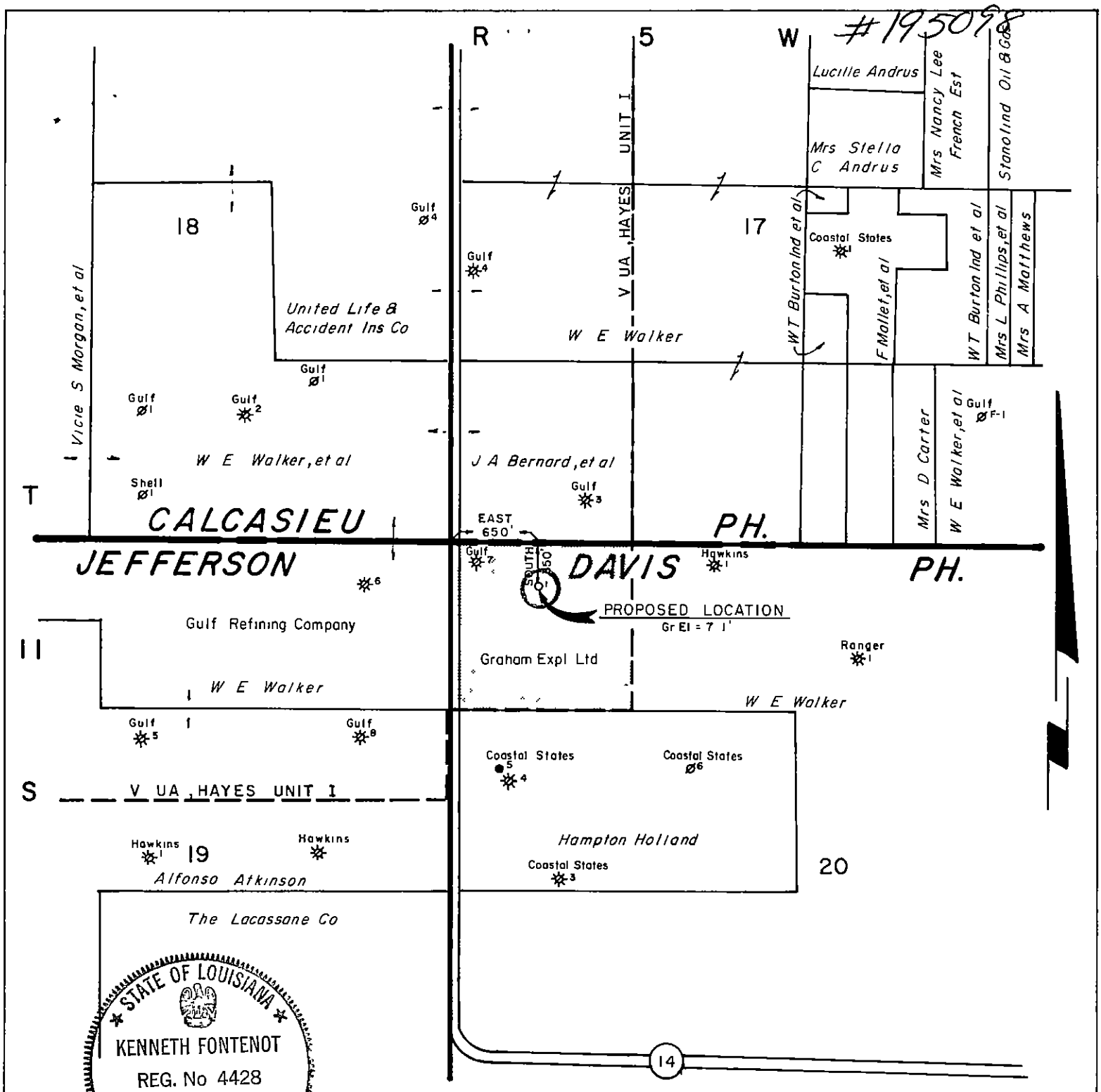
THE RADIUS OF CURVATURE

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	COURSE DEV.	INC D M	BEARING D M	COORDINATES LATITUDE	DEPARTURE	D-LEG PER 100	STATION DISPLACEMENT DISTANCE	BEARING
9000.00	8999.30	13.53	3.26	0-30	S 84-51 W	16.37 N	1.70 W	.05	16.45	AT N 5-56 W
9500.00	9499.26	9.95	6.55	1- 0	N 87-58 E	12.13 N	1.43 W	.30	12.22	AT N 6-44 W
9850.00	9849.17	9.23	7.64	1-30	S 18-52 E	8.80 N	4.44 E	.44	9.23	AT N 28-45 E

xxxxxxxx
THE HORIZONTAL DISPLACEMENT AT THE DEPTH OF
xxxxxxxx
9850.00 FEET EQUALS 9.23 FEET AT N 28-45 E.
xxxxxxxx

SCIENTIFIC DRILLING CONTROLS

Sr # 195098



I, Kenneth Fontenot, hereby certify that the loc'n of Graham Exploration Ltd *V UA, Hayes Unit I No 1* is as follows EAST 650' and SOUTH 350' from the Northwest corner of Sec 20, T 11 S-R 5 W Jefferson Davis Parish, Louisiana Note No commercial or residential structure within 500' of Proposed Loc'n

Kenneth Fontenot

REGISTERED LAND SURVEYOR NO 4428
STATE OF LOUISIANA
JOHN E CHANCE & ASSOCIATES, INC

LOUISIANA DEPT. OF CONSERVATION

GRAHAM EXPLORATION LTD

PERMIT PLAT

JEFFERSON DAVIS PARISH, LOUISIANA

SCALE 1" = 1000'

SEPT 14, 1984

STATE OF LOUISIANA
OFFICE OF CONSERVATION

Inter Office

Date: 9/18/84

To: Baton Rouge Office

From: Lake Charles District

Attn: Ed Buford

Enclosed herewith please find application from Graham Exploration Ltd.

for permit to drill

their VUA; Hayes Unit 1 #1, Hayes Field

Jefferson Davis Parish, Louisiana. Zone onshore

Also enclosed please find:

Check No. 5463 in the amount of $ 200.00.

xxx Well location plat

xxx Well location certification

29B
29E
590 Series

_____ Form A.D.C.
_____ Electric Log
_____ Schematic diagram
_____ (Dual) structure map if well does not comply with existing Orders
_____ (Selective-Onshore) structure map showing reservoir limits
_____ (Selective-Offshore) letter(s) of no objection from offset operators

Applicable Department of Conservation Order No. 29-B & E; 590 series

Pending Hearing, Docket No. _____.

Remarks & Recommendations:

Recommend approval. Must comply with 29-B directional and 590 series of orders.

By [signature]
District Manager
FRANK PERKINS, JR.

cc: Geological Oil & Gas Division
Prod. Audit (for Amended Permits only)

LT-1

State of Louisiana

EDWIN W EDWARDS
GOVERNOR
WILLIAM C HULS
SECRETARY

DEPARTMENT OF NATURAL RESOURCES

OFFICE OF CONSERVATION

HERBERT W THOMPSON
ASSISTANT SECRETARY
and
COMMISSIONER

September 28, 1984

RE: Jefferson Davis Parish
Hayes Field
VUA;Hayes Unit I #1
Ser#195098

Graham Exploration Ltd.
P. O. Box 8058
Metairie, LA 70011

Gentlemen:

The above application for Permit to Drill is being issued with the understanding that you will furnish the appropriate District Manager with Inclination and/or Directional Survey data as proof that the well has been drilled in compliance with the provisions of the Statewide Order No. 29-B, Section XVIII, dated March 1, 1967.

In addition, this well cannot be completed in any pool in which the location does not conform with the provisions of Statewide Order No. 29-E, nor will there be a completion in any sand which is not in compliance with the provisions of Office of Conservation Orders of the 590 Series.

Very truly yours,

HERBERT W. THOMPSON, COMMISSIONER
OFFICE OF CONSERVATION

BY _____
J.W. Hecker
Chief Engineer

cc: Mr. Frank Perkins
District Manager
Lake Charles

JWH;EB;sm

29B, 29E, Special Order

FORM MD 13 R

WELL FILE COPY

STATE OF LOUISIANA
OFFICE OF CONSERVATION

PERMIT TO DRILL FOR MINERALS

PERMIT $200 00
Multiple Zone Processing

Send To ATT Lake Charles/1 Date September 24, 1984
Serial No Ser#195098 API#1705320912
Parish Jefferson Davis 027 Field Hayes 4439

Operator Graham Exploration Ltd. 2177
Address P. O. Box 8058
City & State Metairie, LA 70011
Well Name VUA;Hayes Unit I No. 1
Location Sec 20, T11S, R5W
Prop. Loc E 650' & S 350' fr NW/C of Sec. 20.

PTD 10,000'
Zone or Reservoir of Proposed Completion HET
Applicable Office of Conservation Order 29B, E, 590 Series

Herbert W Thompson
COMMISSIONER

ISSUING AUTHORITY 181562

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: HAYES

SERIAL NO: 195098

PRODUCING INTERVAL: 8920-26'

RESERVOIR (COMPANY SAND IDENTIFICATION): Disc. II A

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES: [X] NEW WELL [ ] RECOMPLETION [ ] P & A

[ ] 31 INACTIVE DRY HOLE FUT UTIL
[ ] 32 INACTIVE DRY HOLE NO FUT UTIL
[X] 36 INACTIVE WAITING ON PIPELINE
[ ] 37 INACTIVE WAITING ON MARKET

PRODUCT: [ ] OIL [XX] GAS [ ] OTHER

IF RECOMPLETION: [ ] SAME RESERVOIR [ ] DIFFERENT RESERVOIR

DATE COMP, RECOMP, OR P & A (M D Y): 12/28/84

OPERATOR: Graham Exploration, Ltd.

CODE: 2177

ADDRESS: 3510 N. Causeway Blvd., Metairie 70002

WELL NAME: VUA; Hayes Unit I

WELL NO: 1

PARISH: Jefferson Davis

SEC: 20 TWP: 11S RGE: 5W

DATE PERMIT ISSUED: 09/24/84

DATE SPUDDED (M D Y): 10/11/84

DATE READY TO PRODUCE*: 12/28/84

TOTAL DEPTH: 10,000

PBTD: 9956

GROUND ELEVATION: 7.1

CASING HEAD FLANGE ELEVATION: 7.1

DISTANCE FROM RKB TO CHF: 18.1

DATE WELL TURNED INTO TANKS: n/a

SINGLE, DUAL OR TRIPLE COMPLETION?: single

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?: NO

WAS DIRECTIONAL SURVEY MADE?: Yes

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?: Yes

DATE FILED: 01/17/85 With this filing

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION): Triple Combo DIL/GR/Neutron Density/Caliper

DATE FILED: To be filed by logging company

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101	16	Driven		surf	90				10/11/84	Fout, Operator
102	10 3/4	14 3/4	40.5	surf	2500	1564	1500	½	10/14/84	" "
103	5 1/2	9 7/8	17	surf	10000	1825	3500	*	11/01/84	" "
104										
105	*Did not drill out									

TUBING SIZE: 2 3/8 DEPTH OF TUBING: 8820 DEPTH OF PACKER(S): 8820

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: 6 BOPD

GAS VOLUME: 1307 MCF/DAY

GOR: 217833 CF/BBL

CHOKE SIZE: 8 /64"

PRODUCING METHOD: Flowing

FLOWING TUBING PRESSURE: 2580 psig

SHUT-IN TUBING PRESSURE: 2650 psig

CASING PRESSURE: 180

WATER PRODUCTION: 3 BPD

BS&W: -0- %

GRAVITY: 51.0 °API@60° F

BHP (SHUT-IN): 3735 psig

COMPANY REPRESENTATIVE: Jim Reed

DATE GAUGED: 12/28/84

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state That I am employed by Operator and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge

Signature: [signature] Title: Consultant Drilling Manager

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc; the well has been shut-in

FORM WH 1 (1 78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
1295-84	12/18 thru 12/26/84	OFS	12/18- Perf 8920-26' with 4 SPF; Test for production.
		Halliburton	12/21- Squeeze Perfs: Mixed & pumpd 35 sx low wtr loss, 75 sxs class "H" & 18% salt, squeezed into formation - left 15 sx in csg, rev'd out 10 sx. Final Press. 3800.
		OFS	12/26- Re-Perf 8920-26', 4 SPF - test for production

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms

FORMATION	DEPTH	FORMATION	DEPTH

RECEIVED
APR 23 1985
DEPT. OF CONSERVATION
WELL FILES
BATON ROUGE, LA.

29 E COMPLIANCE	YES	NO
29-E UNIT ATTACHED	YES	NO

D O C USE ONLY

STATE OF LOUISIANA
OFFICE OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

DISTRICT Lake Charles

CODE NUMBERS: 027 / 4439 / 2177

DATE January 15, 1984

PARISH Jefferson Davis

FIELD Hayes

OPERATOR Graham Exploration, Ltd.

WELL NAME VUA; Hayes Unit I NO 1

RESERVOIR Disc. II, A

1 (1 - ON SHORE, 2 - INTERMEDIATE, 3 OFF-SHORE)

SEC 20 T 11S R 5W

DOC ORDER NO 590 Series

SERIAL NO 195098

12/28/84 COMPLETION DATE

9:30 TIME X AM PM

IMPORTANT

IS A FORM MD 10 R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES [ ] NO [x]

REMARKS None required as of this filing.

COMPLETION DATA

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
1 (1 ORIG COMP, 2 RE COMP)	2 (1 - OIL, 2 - GAS, 3 - DRY GAS)	- (1 - YES, 2 - NO)	F (F - FLOWING, G L - GAS LIFT, P - PUMPING)	3 6 SEE REVERSE SIDE FOR CODE

* IF THIS IS A RE COMPLETION SPECIFY SAME RESERVOIR [ ] DIFFERENT RESERVOIR [ ]

INITIAL PROD	GAS VOLUME	FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE
6 BOPD	1307 MCF/DAY	2580 PSIG	2650 PSIG	180 PSIG

CHOKE SIZE	WATER PROD	BS & W	GOR	GRAVITY
8 /64" 2 (1 POSITIVE, 2 ADJUST)	3 BPD	-0- %	217833 CF/BBL	51.0 API AT 60° F

PERFORATIONS 8920-26'

TOTAL DEPTH 10,000'

CLEARANCE & CERTIFICATION

ADDITIONAL CLEARANCE IS REQUESTED FOR - BBLS OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST (SEE SECTION X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE)

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

Kenneth [signature]
SIGNATURE

Graham Exploration, Ltd.
OPERATOR

Consultant Drilling Manager
TITLE

INSTRUCTIONS

(THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITHIN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29 B, SECTION X, PARAGRAPH A, ARTICLE 1))

FORM COMP (REV 1 78)

OFFICE OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

> All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

TEST DATA

Date of Test	Time of Test	Amount of Oil Produced
12/19/84	3:50 PM. to 5:50 AM.	4 Barrels
12/26/84	10:00 PM. to 12:00 PM.	1 Barrels
12/27/84	12:30 AM. to 12:00 PM.	7 Barrels
12/28/84	12:30 AM. to 9:30 AM.	6 Barrels
	M. to M.	Barrels
	TOTAL	18 BARRELS

The above total barrels oil were produced from 8920 Ft. to 8926 Ft.

Remarks: All condensate was flared to pit during testing.

(18 Bbls flared + 3400 MCF flared from 12/19 thru 12/28 Testing.

Graham Exploration, Ltd.

OPERATOR

(Signed) OPERATOR REPRESENTATIVE

CODES TO USE IN REPORTING STATUS OF WELL

10 Active
33 Inactive-Future Utility (does not include waiting on pipeline or market)
36 Inactive waiting on pipeline
37 Inactive waiting on market

RECEIVED
JAN 28 1985
DEPT. OF CONSERVATION
WELL FILES
BATON ROUGE, LA

195098

STATE OF LOUISIANA
OFFICE OF CONSERVATION
LOUISIANA STATE POTENTIAL REPORT

District Lake Charles
Field Hayes
Parish Jeff Davis
Operator Graham Expl., Ltd. Code 2177 (7)
Sec. 20 TWP. 11 S RGE. 5 W Test Date 4 / 11 / 85 (12 Mo Day Yr)

INPUT TYPE
1 - OC Only
2 - Original
3 - Correction
[2] (11)

TYPE OF WELL
[2] (18) 1-OIL 2-GAS

TYPE OF TEST
[1] (19) 1-COMPLETION 2-RECOMPLETION 3-RETEST

PRODUCING METHOD
[F] (20) F-FLOWING P-PUMPING G-GASLIFT

WELL SERIAL NO	WELL NAME	WELL NO	NAME OF RESERVOIR
195098 (27)	VUA; Hayes Unit I	1	Disc. II A

TOTAL DEPTH	PERFORATED INTERVAL FROM	TO	CHOKE /64"	OIL BBLS/DAY	COND BBLS/DAY	GAS MCF/DAY	GAS/OIL RATIO CF/BBL
10,000 (33)	8920 (38)	8926 (43)	8 (48)	— (51)	9.32 (57)	1200 (63)	12875/1 (69)

on Line

API GRAV @60° F	WATER BBLS/DAY	BS&W %	FLOWING PRES (PSIG)	CASING PRES (PSIG)	DATE OF COMPLETION MO	DAY	YR
53.3 (76)	0 (80)	.1 (86)	2125 (89)	175 (95)	3 (101)	25	85

CLOSE TANK/~~METER~~ GAUGE 6' 0" @ 9AM TIME
OPEN TANK/~~METER~~ GAUGE 5' 4" @ 9AM TIME
DIFFERENCE 0' 8" in 24 HOURS
TANK/~~METER~~ NO New #1 TANK COEF 1.16

STATIC PRES. 520# DIFFERENTIAL PRES 62" LINE SIZE 2"
PLATE SIZE 1.00 COEFFICIENT 1500# METER SPRING & DIFF RANGE 100"
REMARKS

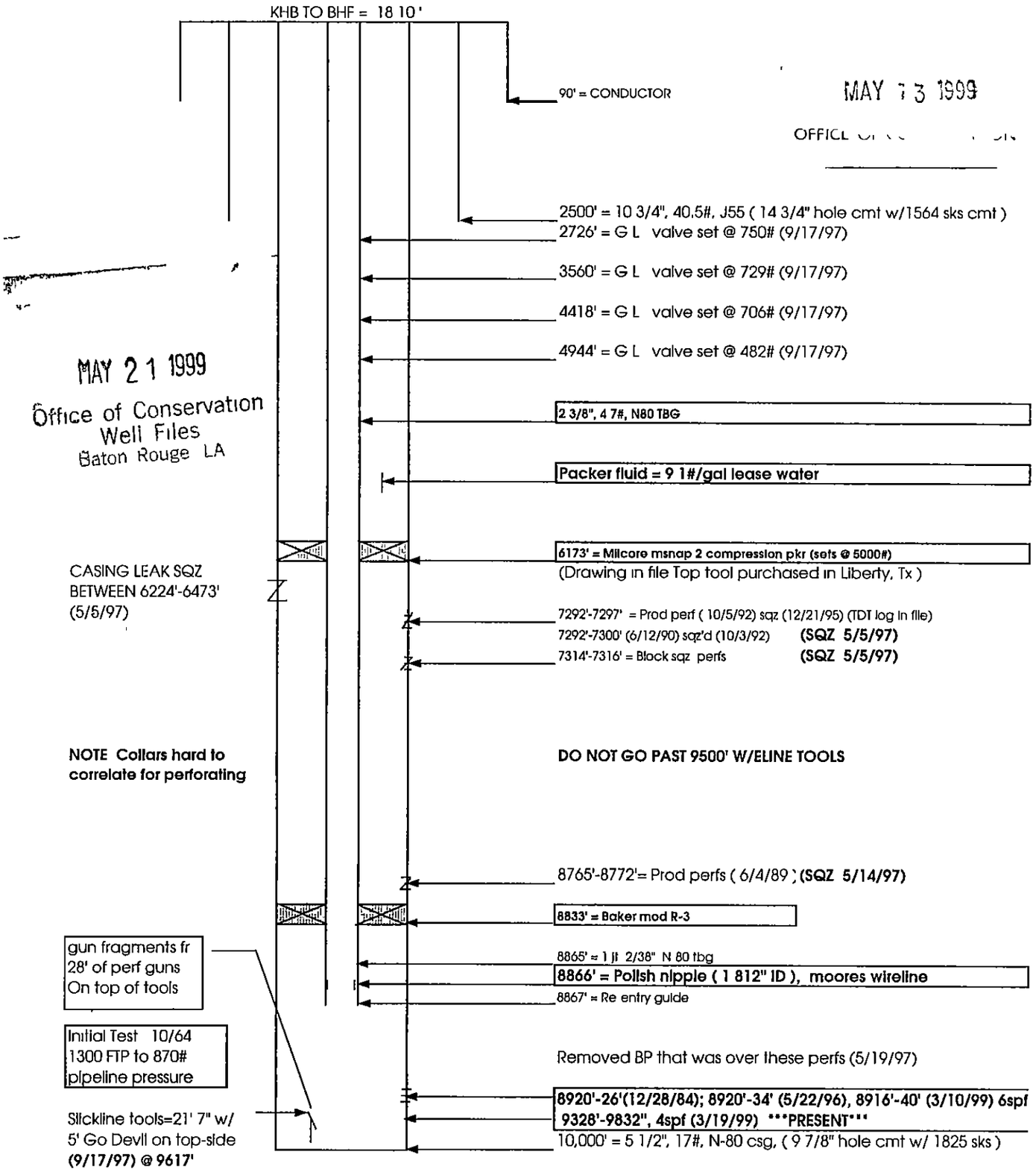
WITNESSED BY [signature] GAUGED BY Johnie Tinge
TITLE Energy Res. Insp. TITLE Pumper

SDM2 (1-78)

Serial# 195098

HAYES UNIT 1 WELL #3

HAYES FIELD
Serial # 195098
March 23, 1999



MAY 13 1999
OFFICE OF CONSERVATION

MAY 21 1999
Office of Conservation
Well Files
Baton Rouge LA

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO: 195098

PRODUCING INTERVAL: 8768' - 8772'

RESERVOIR (COMPANY SAND IDENTIFICATION): Discorbis I Sand

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES
- [ ] NEW WELL
- [X] RECOMPLETION
- [ ] P & A

- [ ] 31 INACTIVE DRY HOLE FUT UTIL
- [ ] 32 INACTIVE DRY HOLE NO FUT UTIL
- [ ] 36 INACTIVE WAITING ON PIPELINE
- [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT
- [ ] OIL
- [X] GAS
- [ ] OTHER

IF RECOMPLETION
- [ ] SAME RESERVOIR
- [X] DIFFERENT RESERVOIR

DATE COMP, RECOMP, OR P & A (M D Y): 6/4/89

OPERATOR: Graham Exploration, Ltd.

CODE: 2177

ADDRESS: P.O. Box 4495 Houston, Texas 77210-4495

WELL NAME: VUA;Hayes Unit

WELL NO: 1

PARISH: Jefferson Davis

SEC 20 TWP 11S RGE 5W

DATE PERMIT ISSUED:

DATE SPUDDED (M D Y):

DATE READY TO PRODUCE*: 6/6/89

TOTAL DEPTH: 10,000'

PBTD: 8,890

GROUND ELEVATION:

CASING HEAD FLANGE ELEVATION:

DISTANCE FROM RKB TO CHF:

DATE WELL TURNED INTO TANKS:

SINGLE, DUAL OR TRIPLE COMPLETION?:

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?:

WAS DIRECTIONAL SURVEY MADE?:

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?:

DATE FILED:

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION):

DATE FILED:

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101	No									
102	change									
103		since								
104			Previous							
105				Filing						

TUBING SIZE: 2 3/8" DEPTH OF TUBING: 8682' DEPTH OF PACKER(S): 8682'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	GOR	CHOKE SIZE	PRODUCING METHOD
14 BOPD	998 MCF/DAY	71286 CF/BBL	6 /64"	Flowing

FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE	WATER PRODUCTION	BS&W
2900 psig	psig	0	-- BPD	-- %

GRAVITY	BHP (SHUT-IN)	COMPANY REPRESENTATIVE	DATE GAUGED
°API@60° F	psig	Ravis Weekly	6/16/89

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state: That I am employed by Graham Exploration Ltd. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge

Signature: /Alan James Title: Senior Petroleum Engineer

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc., the well has been shut-in

FORM WH-1 (1-78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L 1018-89	6-1-89 thru 6-2-89	Moncla Well Service, Southern Wire-line	Pulled packer & tubing. Set cast iron bridge plug @ 8900'. Dumped 10' cement on top of bridge plug. Tested plug to 1000 psi with 10 ppg saltwater.
" "	6/3/89 thru 6-4-89	Moncla Well Service, Southern Wire-Line	Reran tubing and packer. Set same @ 8682'. Perforate 8768'-8772' (DIL 10/29/84) with 4JSPF. Flowed back well.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms

FORMATION	DEPTH	FORMATION	DEPTH

RECEIVED
JUN 23 1989
Lafayette District Office

JUN 23 1989
Office of Conservation
Baton Rouge LA

29-E COMPLIANCE	YES	NO
29 E UNIT ATTACHED	YES	NO

D O C USE ONLY

STATE OF LOUISIANA
OFFICE OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

DISTRICT Lafayette

CODE NUMBERS		
027	PARISH	Jefferson Davis
4439	FIELD	Hayes
2177	OPERATOR	Graham Exploration, Ltd.
195098	WELL NAME	VUA;Hayes Unit 1 NO 1 SERIAL NO 195098
	RESERVOIR	Discorbis I Sand

DATE 6/6/89

1 (1 ON SHORE, 2 - INTERMEDIATE, 3 OFF SHORE)

SEC 20 T 11S R 5W

DOC ORDER NO 29-B(VUA)

6-4-89 COMPLETION DATE

5:00 TIME AM [ ] PM [X]

IMPORTANT

IS A FORM MD-10 R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES [ ] NO [X]

REMARKS No applicable Changes

COMPLETION DATA

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
2 (1 ORIG COMP, 2 - RE COMP)	2 (1 - OIL, 2 - GAS, 3 DRY GAS)	2 (1 - YES, 2 - NO)	F (F - FLOWING, G L GAS LIFT, P - PUMPING)	1 0 SEE REVERSE SIDE FOR CODE

* IF THIS IS A RE-COMPLETION SPECIFY SAME RESERVOIR [ ] DIFFERENT RESERVOIR [X]

INITIAL PROD	GAS VOLUME	FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE
-- BOPD	367 MCF/DAY	2975 PSIG	3200 PSIG	0 PSIG

CHOKE SIZE	WATER PROD	BS & W	GOR	GRAVITY
4 /64" [ ] 1 POSITIVE 2 ADJUST	--- BPD	--- %	--- CF/BBL	--- API AT 60° F

PERFORATIONS 8768' - 8772' TOTAL DEPTH 10,000'

CLEARANCE & CERTIFICATION

ADDITIONAL CLEARANCE IS REQUESTED FOR _____ BBLS OF OIL PRODUCED ON DRILL STEM OR OTHER PRODUCTION TEST (SEE SECTION X PARAGRAPH B OF ORDER 29 B ON REVERSE SIDE)

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

/Alan James
SIGNATURE

Graham Exploration, Ltd.
OPERATOR

Senior Petroleum Engineer
TITLE

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITHIN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29 B, SECTION X, PARAGRAPH A, ARTICLE 1)

FORM COMP (REV 1 78)

OFFICE OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

> All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

TEST DATA

Date of Test	Time of Test	Amount of Oil Produced
_____	_____M. to _____M.	_____Barrels
_____	_____M. to _____M.	_____Barrels
_____	_____M. to _____M.	_____Barrels
_____	_____M. to _____M.	_____Barrels
_____	_____M. to _____M.	_____Barrels

TOTAL _____ BARRELS

The above total barrels of oil were produced from _____ Ft. to _____ Ft.

Remarks: _____

_____ _____

OPERATOR (Signed) OPERATOR REPRESENTATIVE

RECEIVED
JUN 8 1989
Office of Conservation
Files
Baton Rouge, LA
RECEIVED
JUN 7 1989
OFFICE OF CONSERVATION
LAFAYETTE, LOUISIANA

CODES TO USE IN REPORTING STATUS OF WELL

10 Active
33 Inactive-Future Utility (does not include waiting on pipeline or market)
36 Inactive waiting on pipeline
37 Inactive waiting on market

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: HAYES

SERIAL NO: 195098

PRODUCING INTERVAL: 7292' - 7300'

RESERVOIR (COMPANY SAND IDENTIFICATION): 7300' SAND

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES
- [ ] NEW WELL
- [X] RECOMPLETION
- [ ] P & A

- [ ] 31 INACTIVE DRY HOLE FUT UTIL
- [ ] 32 INACTIVE DRY HOLE NO FUT UTIL
- [ ] 36 INACTIVE WAITING ON PIPELINE
- [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT
- [ ] OIL
- [X] GAS
- [ ] OTHER

IF RECOMPLETION
- [ ] SAME RESERVOIR
- [X] DIFFERENT RESERVOIR

DATE COMP, RECOMP, OR P & A (M D Y): 06/12/90

OPERATOR	CODE	ADDRESS
GRAHAM ROYALTY, LTD.	2183	P. O. BOX 4495, HOUSTON, TEXAS 77210-4495

WELL NAME	WELL NO
VUA;HAYES UNIT	1

PARISH	SEC	TWP	RGE	DATE PERMIT ISSUED
JEFFERSON DAVIS	20	11S	5W	

DATE SPUDDED (M D Y)	DATE READY TO PRODUCE*	TOTAL DEPTH	PBTD
	06/12/90	10,000'	8635'

GROUND ELEVATION	CASING HEAD FLANGE ELEVATION	DISTANCE FROM RKB TO CHF

DATE WELL TURNED INTO TANKS	SINGLE, DUAL OR TRIPLE COMPLETION?	NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION
06/12/90		

WAS WELL DIRECTIONALLY DRILLED?	WAS DIRECTIONAL SURVEY MADE?	WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?	DATE FILED

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION)	DATE FILED

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101	NO									
102	CHANGE									
103		SINCE								
104			ORIGINAL							
105				FILING						

TUBING SIZE: 2-3/8" DEPTH OF TUBING: 7157' DEPTH OF PACKER(S): 7157'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	GOR	CHOKE SIZE	PRODUCING METHOD
19 BOPD	1030 MCF/DAY	54211 CF/BBL	9 /64"	FLOWING

FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE	WATER PRODUCTION	BS&W
2680 psig	2700 psig	0 PSI	0 BPD	.2 %

GRAVITY	BHP (SHUT-IN)	COMPANY REPRESENTATIVE	DATE GAUGED
°API@60° F	3580 psig	CHARLES HARRIS	06/18/90

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state: That I am employed by GRAHAM ROYALTY, LTD and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge

Signature: Alan James / ALAN JAMES Title: SR. PETROLEUM ENGINEER

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc., the well has been shut-in

FORM WH-1 (1-73)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L #1032-90	06/09/90	WEDGE	SET CIBP AT 8650'. DUMPED 15' CEMENT ON CIBP. TESTED TO 1500 PSI.
L #1032-90	06/12/90	WEDGE	PERFORATED 7292'-7300' (DIL 10/29/84) WITH 4 SPF USING 1-11/16" HOLLOW CARRIER GUN.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms

FORMATION	DEPTH	FORMATION	DEPTH

RECEIVED
JUL 12 1990
Office of Conservation
Well Files
Baton Rouge, LA

29 E COMPLIANCE	YES	NO
29-E UNIT ATTACHED	YES	NO

D O C USE ONLY

STATE OF LOUISIANA
OFFICE OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

DISTRICT LAFAYETTE

CODE NUMBERS		
027	PARISH	JEFFERSON DAVIS
4439	FIELD	HAYES
2177	OPERATOR	GRAHAM EXPLORATION, LTD.
195098	WELL NAME	VUA; HAYES Unit 1
	RESERVOIR	7300' SAND

DATE JUNE 14, 1990

[1] 1 ON SHORE 2 INTERMEDIATE 3 - OFF SHORE

SEC 20 T 11S R 5W

DOC ORDER NO 29-B

NO 1 SERIAL NO 195098

JUNE 12, 1990 COMPLETION DATE

7:00 TIME [X] AM [ ] PM

IMPORTANT

IS A FORM MD 10 R A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES [ ] NO [X]

REMARKS

COMPLETION DATA

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
[2] 1 ORIG COMP 2 RE COMP	[2] 1 - OIL 2 - GAS 3 - DRY GAS	[2] 1 YES 2 NO	[F] F - FLOWING GL GAS LIFT P - PUMPING	[3] [6] SEE REVERSE SIDE FOR CODE

* IF THIS IS A RE COMPLETION SPECIFY SAME RESERVOIR [ ] DIFFERENT RESERVOIR [X]

0	800	2400	2700	0
INITIAL PROD BOPD	GAS VOLUME MCF/DAY	FLOWING TUBING PRESSURE PSIG	SHUT IN TUBING PRESSURE PSIG	CASING PRESSURE PSIG

8/64" [2] 1 POSITIVE 2 ADJUST	0	-	-	-
CHOKE SIZE	WATER PROD BPD	BS & W %	GOR CF/BBL	GRAVITY API AT 60° F

PERFORATIONS 7292' - 7300' (DIL 10/29/84) TOTAL DEPTH 10,000'

CLEARANCE & CERTIFICATION

ADDITIONAL CLEARANCE IS REQUESTED FOR _____ BBLS OF OIL PRODUCED ON DRILL STEM OR OTHER PRODUCTION TEST (SEE SECTION X PARAGRAPH B OF ORDER 29 B ON REVERSE SIDE)

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

/ ALAN JAMES
SIGNATURE

GRAHAM EXPLORATION, LTD.
OPERATOR

SENIOR PETROLEUM ENGINEER
TITLE

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITH IN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29 B, SECTION X, PARAGRAPH A, ARTICLE 1)

FORM COMP (REV 1 78)

GRAHAM

Houston Division

June 14, 1990

State of Louisiana
Department of Natural Resources
Office of Conservation
Lafayette District
P. O. Box 51285
Lafayette, Louisiana 70506

Attn: Mr. Gerard LeBlanc
District Manager

Re: VUA; Hayes Unit #1
Hayes Field
Jefferson Davis Parish, Louisiana
Serial Number (195098)

Dear Mr. LeBlanc:

Attached is a Well Recompletion Report for the subject well. If you need additional information, please call.

Yours very truly,
GRAHAM ROYALTY, LTD.

Alan James
Senior Petroleum Engineer

jar

Attachment

12707 North Freeway Suite 200 Houston, Texas 77060 713/873 0066 FAX 713/872-8969

STATE OF LOUISIANA
OFFICE OF CONSERVATION
LOUISIANA STATE POTENTIAL REPORT

INPUT TYPE
1 - OC Only
2 - Original
3 - Correction

[2] 11

District: LAFAYETTE
Field: HAYES
Parish: JEFFERSON DAVIS
Operator: GRAHAM EXPLORATION LTD Code: 2177
Sec. 20 TWP. 11S RGE 5W Test Date 7: 6 / 21 / 90 (12 Mo Day Yr)

TYPE OF WELL
[2] 18
1-OIL
2-GAS

TYPE OF TEST
[2] 19
1-COMPLETION
2-RECOMPLETION
3-RETEST

PRODUCING METHOD
[F] 20
F-FLOWING
P-PUMPING
G-GASLIFT

WELL SERIAL NO	WELL NAME	WELL NO	NAME OF RESERVOIR
195088	UNA; HAYES UNIT 1	1	7300' Sd.

27

TOTAL DEPTH	PERFORATED INTERVAL FROM	TO	CHOKE /64"	OIL BBLS/DAY	COND BBLS/DAY	GAS MCF/DAY	GAS/OIL RATIO CF/BBL
10,000	7292	7300	9	—	21	1094	52095/1

33 38 43 48 51 57 63 69

PB 8635

API GRAV @60° F	WATER BBLS/DAY	BS&W %	FLOWING PRES (PSIG)	CASING PRES (PSIG)	DATE OF COMPLETION MO	DAY	YR
53.0	0	0	2700	P	6	13	90

76 80 86 89 95 101 TO SALES

CLOSE TANK/~~METER~~ GAUGE 10' 4" @ 11 AM TIME
OPEN TANK/~~METER~~ GAUGE 8' 10" @ 11 AM TIME
DIFFERENCE 1' 6" in 24 HOURS
TANK/~~METER~~ NO 84 TANK COEF 1.16

STATIC PRES 450# DIFFERENTIAL PRES 62 LINE SIZE 2"
PLATE SIZE .750 COEFFICIENT — METER SPRING & DIFF RANGE 100/1500
REMARKS Oil - Central
Gas - United

WITNESSED BY Walter Doskity GAUGED BY Edward Authement
TITLE agt. TITLE Gauger

SDM2 (1-78)

BUDDY ROEMER
GOVERNOR

RON GOMEZ
SECRETARY

J PATRICK BATCHELOR
COMMISSIONER AND
ASSISTANT SECRETARY

DEPARTMENT OF NATURAL RESOURCES

September 11, 1991

Graham Exploration, Ltd.
P. O. Box 4495
Houston, TX 77210-4495

ATTN: Brian Rogers

RE: WELL VUA;HAYES UNIT I
SERIAL 195098 WELL NO 001
FIELD HAYES
PARISH JEFFERSON DAVIS SEC/TWN/RNG 020/11S/05W
APPL NO 010037
FOR Annular Disposal

Gentlemen:

This Office has reviewed and accepted the radioactive tracer survey run on the above-referenced well.

We hereby give approval to utilize the referenced well for annular injection of produced fluids for a period of one (1) year. THIS PERMIT EXPIRES ON September 11, 1992. Only water produced from this well may be injected into the annulus of this well. No injection of water produced elsewhere is allowed. In order to continue annular injection in this well beyond the expiration date, Form UIC-9 must be filed at least 30 days in advance of the expiration date.

The Maximum Authorized Surface Injection Pressure (MASIP) is limited to 835 psi. This pressure must be posted in the field office or be readily available to any field personnel operating this well and must be shown to a Conservation Agent upon inspection if requested.

Attached are the reporting requirements relating to the above well.

Sincerely,

J. PATRICK BATCHELOR, COMMISSIONER
Office Of Conservation

James H. Welsh

James H. Welsh, Director
Injection And Mining Division

ANNULAR DISPOSAL REPORTING REQUIREMENTS

A reasonable estimate of the amount of salt water injected annually into the disposal well must be reported to the Injection and Mining Division at the address below and a copy sent to the appropriate Conservation District Office. This report is to be filed on Form UIC-10 during the first quarter of the next calendar year.

Office of Conservation
Injection & Mining Division
P.O. Box 94275
Baton Rouge, LA 70804-9275

STATE OF LOUISIANA
OFFICE OF CONSERVATION ...$100.00
AMENDED PERMIT TO DRILL FOR MINERALS

195098 SERIAL NO DATE 05/01/92 EFFECTIVE 02/92

CURRENT CODES
027 PARISH JEFFERSON DAVIS DISTRICT 31 LAFAYE
4439 FIELD HAYES
4763 OPERATOR PETROCANA, INC.
P. O. BOX 51542
LAFAYETTE, LA 70505

3-195098WELL NAME VUA;HAYES U1 NO. 003
LOCATION OF WELL SEC 020 T 11S R 05W
FORMER OPERATOR: GRAHAM EXPLORATION LTD
FORMER WELL NAME: VUA;HAYES UNIT I
FORMER WELL NO: 001 L000797

APPLICABLE OFFICE OF CONSERVATION ORDER

H. W. THOMPSON FELIX J. BOUDREAUX

COMMISSIONER ISSUING AUTHORITY

WELL FILE

State of Louisiana

EDWIN W. EDWARDS
GOVERNOR

JACK McCLANAHAN
SECRETARY

H W THOMPSON
COMMISSIONER AND
ASSISTANT SECRETARY

DEPARTMENT OF NATURAL RESOURCES

April 3, 1992

OFFICE OF CONSERVATION
ATTN: PERMIT SECTION
P.O. BOX 94275
BATON ROUGE, LA. 70804-9275

Dear Mr. Boudreaux:

Enclosed herewith please find application for permit to amend the operator name from **Graham Exploration, Ltd.** to **Petrocana, Inc.** on their **VUA;Hayes U1 #003** , Serial **#195098** , Field **Hayes** Parish **Jefferson Davis** .

Also enclosed is a copy of check No. **3537** for **$100.00.** This check was forwarded under separate cover to the Baton Rouge Accounting Section. Verification of ownership enclosed.

The effective date of this change is **02-01-92** and the product is **Gas** .

RECEIVED
AID: 27

Yours very truly,

Gerard E. LeBlanc, Manager
Lafayette District

GEL:mjn

Encls.

cc: Audit Section/Anita Hebert
Baton Rouge, La.

18

PETROCANA, INC.
(PETROLEUM COMPANY OF LOUISIANA)
P O BOX 51542 OIL CENTER
LAFAYETTE, LA 70505

PremierBank Lafayette, La.
Bank Code 07

NO 3537

84-44/652

March 16, 19 92

PAY One Hundred---------- DOLLARS $ 100.00

TO THE ORDER OF
State of Louisiana
Office of Conservation
P. O. Box 51285
Lafayette, Louisiana, 70505

L000797

PETROCANA, INC.

George M. Bourn

⑈003537⑈ ⑆065200447⑆700 1145 43 4⑈

PETROCANA, INC
(PETROLEUM COMPANY OF LOUISIANA)
LAFAYETTE, LA 70505

DETACH AND RETAIN THIS STATEMENT
THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW
IF NOT CORRECT PLEASE NOTIFY US PROMPTLY NO RECEIPT DESIRED

3/13/92	Change of operator - Hayes Unit #1 Well (formerly Graham #1)	$ 100.00

17

RECEIVED

NOV 20 1992

Office of Conservation
Well Files
Baton Rouge, LA

29-E COMPLIANCE ____ YES ____ NO

29-E UNIT ATTACHED ____ YES ____ NO

O C USE ONLY

STATE OF LOUISIANA
OFFICE OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

DISTRICT Lafayette

CODE NUMBERS		
0027	PARISH	Jeff Davis
4439	FIELD	Hayes
4763	OPERATOR	Petrocana, Inc.
195098	WELL NAME	VUA; Hayes U1
	RESERVOIR	7300' Sand

DATE November 6, 1992

[1] 1 - ON-SHORE 3 - OFF-SHORE

SEC 20 T 11S R 5W

OC ORDER NO

NO 3 SERIAL NO 195098

10/07/92 COMPLETION DATE

TIME 6 [ ] AM [X] PM

IMPORTANT

IS A FORM MD-10-R A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES [ ] NO [X]

REMARKS not applicable

COMPLETION DATA

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
[2] 1 ORIG COMP 2 - RE-COMP	[2] 1 OIL 2 GAS 3 DRY GAS	[2] 1 - YES 2 - NO	[F] F - FLOWING G L - GAS LIFT P - PUMPING	[10] SEE REVERSE SIDE FOR CODE

* IF THIS IS A RE COMPLETION SPECIFY SAME RESERVOIR [X] DIFFERENT RESERVOIR [ ]

INITIAL PROD	GAS VOLUME	FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE
1.25 BOPD	230 MCF/DAY	850 PSIG	1280 PSIG	1750 PSIG

CHOKE SIZE	WATER PROD	BS & W	GOR	GRAVITY
15 /64" [2] 1 - POSITIVE 2 - ADJUST	654 BPD	98 %	225,000/1 CF/BBL	- API AT 60° F

PERFORATIONS 7292-97' TOTAL DEPTH PB 8635'

CLEARANCE & CERTIFICATION

ADDITIONAL CLEARANCE IS REQUESTED FOR ____ BBLS OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST (SEE SECTION X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE)

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

Ginger Blanchet
SIGNATURE

Petrocana, Inc.
OPERATOR

TITLE

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITHIN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1)

FORM COMP (REV 1 78)

D

OFFICE OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

> All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

TEST DATA

Date of Test	Time of Test	Amount of Oil Produced
_____	_____M. to _____M.	_____Barrels
_____	_____M. to _____M.	_____Barrels
_____	_____M. to _____M.	_____Barrels
_____	_____M. to _____M.	_____Barrels
_____	_____M. to _____M.	_____Barrels.

TOTAL _____ BARRELS

The above total barrels of oil were produced from _____ Ft. to _____ Ft.

Remarks: _____

_____

_____ _____

OPERATOR (Signed) OPERATOR REPRESENTATIVE

CODES TO USE IN REPORTING STATUS OF WELL

10 Active
33 Inactive-Future Utility (does not include waiting on pipeline or market)
36 Inactive waiting on pipeline
37 Inactive waiting on market

RECEIVED
NOV 12 1992
Office of Conservation
Well Files
Baton Rouge, LA

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO: 195098

PRODUCING INTERVAL: 7292-97'

RESERVOIR (COMPANY SAND IDENTIFICATION): 7300' Sand

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES
- [ ] NEW WELL
- [x] RECOMPLETION
- [ ] P & A
- [ ] 31 INACTIVE DRY HOLE FUT UTIL
- [ ] 32 INACTIVE DRY HOLE NO FUT UTIL
- [ ] 36 INACTIVE WAITING ON PIPELINE
- [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT
- [ ] OIL
- [x] GAS
- [ ] OTHER

IF RECOMPLETION
- [x] SAME RESERVOIR
- [ ] DIFFERENT RESERVOIR

DATE COMP, RECOMP, OR P & A (M D Y): 10/ 7/92

OPERATOR: Petrocana, Inc. | CODE: 4763 | ADDRESS: P. O. Box 51542, Lafayette, LA 70505

WELL NAME: VUA; Hayes U1 | WELL NO: 3

PARISH: Jeff Davis | SEC 20 TWP 11S RGE 5W | DATE PERMIT ISSUED: 9-25-92

DATE SPUDDED (M D Y): | DATE READY TO PRODUCE*: | TOTAL DEPTH: | PBTD: 8635'

GROUND ELEVATION: | CASING HEAD FLANGE ELEVATION: | DISTANCE FROM RKB TO CHF:

DATE WELL TURNED INTO TANKS: 10/7/92 | SINGLE, DUAL OR TRIPLE COMPLETION?: Single | NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED? | WAS DIRECTIONAL SURVEY MADE? | WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION? | DATE FILED:

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION) | DATE FILED:

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101										
102	SEE ORIGINAL COMPLETION									
103										
104										
105										

TUBING SIZE: 2-3/8 | DEPTH OF TUBING: 7126' | DEPTH OF PACKER(S): 7126'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: 1.25 BOPD | GAS VOLUME: 230 MCF/DAY | GOR: 225,000/1 CF/BBL | CHOKE SIZE: 15 /64" | PRODUCING METHOD: F

FLOWING TUBING PRESSURE: 850 psig | SHUT-IN TUBING PRESSURE: 1280 psig | CASING PRESSURE: 1750 | WATER PRODUCTION: 654 BPD | BS&W: 98 %

GRAVITY: °API@60° F | BHP (SHUT-IN): psig | COMPANY REPRESENTATIVE: Wayne Landry | DATE GAUGED: 11/5/92

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state: That I am employed by Petrocana, Inc. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge

Signature: Ginger Blanchet | Title:

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc., the well has been shut-in

FORM WH 1 (1-78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L#1647-92	10/3/92	Halliburton	Perforate 7314-16' for squeeze.
" "	10/5/92	Halliburton	Perforate 7292-97' for production.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms

FORMATION	DEPTH	FORMATION	DEPTH

State of Louisiana

EDWIN W. EDWARDS
GOVERNOR

JOHN F. ALES
SECRETARY

H W THOMPSON
COMMISSIONER AND
ASSISTANT SECRETARY

November 24, 1992

DEPARTMENT OF NATURAL RESOURCES

Petrocana, Inc.
P. O. Box 51542
Lafayette, LA 70505

ATTN: Wayne Landry

RE: WELL VUA;HAYES U1
SERIAL 195098 WELL NO 003
FIELD HAYES
PARISH JEFFERSON DAVIS SEC/TWN/RNG 020/11S/05W
APPL NO 011542
FOR Annular Disposal

Gentlemen:

This Office has reviewed and accepted the radioactive tracer survey run on the above-referenced well.

We hereby give approval to utilize the referenced well for annular injection of produced fluids for a period of one (1) year. THIS PERMIT EXPIRES ON November 24, 1993. Only water produced from this well may be injected into the annulus of this well. No injection of water produced elsewhere is allowed. In order to continue annular injection in this well beyond the expiration date, Form UIC-9 must be filed at least 30 days in advance of the expiration date.

The Maximum Authorized Surface Injection Pressure (MASIP) is limited to 835 psi. This pressure must be posted in the field office or be readily available to any field personnel operating this well and must be shown to a Conservation Agent upon inspection if requested.

Attached are the reporting requirements relating to the above well.

Sincerely,

H. W. THOMPSON, COMMISSIONER
Office Of Conservation

James H. Welsh

James H. Welsh, Director
Injection And Mining Division

ANNULAR DISPOSAL REPORTING REQUIREMENTS

A reasonable estimate of the amount of salt water injected annually into the disposal well must be reported to the Injection and Mining Division at the address below and a copy sent to the appropriate Conservation District Office. This report is to be filed on Form UIC-10 during the first quarter of the next calendar year.

Office of Conservation
Injection & Mining Division
P.O. Box 94275
Baton Rouge, LA 70804-9275

STATE OF LOUISIANA
OFFICE OF CONSERVATION
AMENDED PERMIT TO DRILL FOR MINERALS

...$100.00

195098 SERIAL NO DATE 09/01/93 EFFECTIVE 07/01/93

CURRENT CODES

027	PARISH	JEFFERSON DAVIS	DISTRICT LAFAYETTE
4439	FIELD	HAYES	
U015	OPERATOR	UNITED WORLD ENERGY CORP.	
2	PRODUCT	P. O. BOX 32166	
L00880	MA	LAFAEYETTE, LA	70593

3-195098 WELL NAME VUA;HAYES U1 NO. 003
LOCATION OF WELL SEC 020 T 11S R 05W
FORMER OPERATOR NAME: PETROCANA,INC. 4763

APPLICABLE OFFICE OF CONSERVATION ORDER

H. W. THOMPSON
COMMISSIONER

FELIX J. BOUDREAUX
ISSUING AUTHORITY

WELL FILE

JUL 1996
Office of Conservation
Well Files
Baton Rouge, LA

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

● SERIAL NO: 195098

PRODUCING INTERVAL: 8768-8772'

RESERVOIR (COMPANY SAND IDENTIFICATION): Discorbus

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES
- [ ] NEW WELL
- [X] RECOMPLETION
- [ ] P & A

● [ ] 31 INACTIVE DRY HOLE FUT UTIL
- [ ] 32 INACTIVE DRY HOLE NO FUT UTIL
- [ ] 36 INACTIVE WAITING ON PIPELINE
- [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT
- [ ] OIL
- [X] GAS
- [ ] OTHER

IF RECOMPLETION
- [ ] SAME RESERVOIR
- [X] DIFFERENT RESERVOIR

DATE COMP, RECOMP, OR P & A ● M D Y: 01/04/96

OPERATOR: United World Energy Corp. | CODE ●: U-015 | ADDRESS: P.O. Box 32166 Lafayette, LA 70593

WELL NAME: Hayes Unit 1 | WELL NO: #1

PARISH: Jefferson Davis | SEC 17 TWP 11S RGE 5W | DATE PERMIT ISSUED: 12/07/95

DATE SPUDDED ● M D Y: 12/18/95 | DATE READY TO PRODUCE*: 01/04/96 | TOTAL DEPTH: 10,000 | PBTD: 8900

GROUND ELEVATION: | CASING HEAD FLANGE ELEVATION: | DISTANCE FROM RKB TO CHF: 18.10

DATE WELL TURNED INTO TANKS: 01/04/96 | SINGLE, DUAL OR TRIPLE COMPLETION?: Single | NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?: No | WAS DIRECTIONAL SURVEY MADE?: NO | WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?: Yes | DATE FILED: 01/08/96

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION): | DATE FILED:

CASING, LINER AND TUBING RECORD

●	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101										
102										
103										
104										
105										

● TUBING SIZE: 2-3/8 | ● DEPTH OF TUBING: 8171 | ● DEPTH OF PACKER(S): 8139

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: 10.5 BOPD | GAS VOLUME: 395 MCF/DAY | GOR: 37619/1 CF/BBL | CHOKE SIZE: 22 /64" | PRODUCING METHOD: Flowing

FLOWING TUBING PRESSURE: 880 psig | SHUT-IN TUBING PRESSURE: 1000 psig | CASING PRESSURE: 1220 | WATER PRODUCTION: 1150 BPD | BS&W: 99 %

GRAVITY: 46 °API@60° F | BHP (SHUT-IN): psig | COMPANY REPRESENTATIVE: Wayne Landry | DATE GAUGED: 01/04/96

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	CEMENT PLUGS TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENT OR OFFSET OPERATOR

JUL 08 1996
OFFICE OF CONSERVATION

CERTIFICATE: I, the undersigned, state: That I am employed by United World Energy Corp. and that I am authorized to make this report; and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge

Signature: _____ Title: _____

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc; the well has been shut-in

FORM WH 1 (1 78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L#2068-95	12/21/95	B.J. Service	SQ 2. Perfs @ 7292-7300'

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms

FORMATION	DEPTH	FORMATION	DEPTH

29-E COMPLIANCE ____ YES ____ NO

29 E UNIT ATTACHED ____ YES ____ NO

O C USE ONLY

STATE OF LOUISIANA
OFFICE OF CONSERVATION

JUL 25 1996
Office of Conservation
Well Files
Baton Rouge, LA

WELL COMPLETION OR RECOMPLETION REPORT

DISTRICT Lafayette

CODE NUMBERS

DATE January 4, 1996

☐ 1 ON SHORE
3 - OFF SHORE

027 — PARISH Jefferson Davis — SEC 17 T 11S R 5W

4439 — FIELD Hayes — OC ORDER NO

U-015 — OPERATOR United World Energy Corporation

195098 — WELL NAME Hayes U[redacted] 1 — NO D03 — SERIAL NO 195098

RESERVOIR Discorbus — January 4, 1996 COMPLETION DATE — TIME ☐ AM ☐ PM

IMPORTANT — IS A FORM MD 10 R A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN — YES ☐ NO X

REMARKS

COMPLETION DATA

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
2 (1 - ORIG COMP, 2 - RE-COMP)	2 (1 - OIL, 2 - GAS, 3 - DRY GAS)	2 (1 - YES, 2 NO)	F (F - FLOWING, GL - GAS LIFT, P - PUMPING)	1 0 — SEE REVERSE SIDE FOR CODE

* IF THIS IS A RE COMPLETION SPECIFY SAME RESERVOIR ☐ DIFFERENT RESERVOIR X

INITIAL PROD	GAS VOLUME	FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE
10.5 BOPD	395 MCF/DAY	880 PSIG	1000 PSIG	1220 PSIG

CHOKE SIZE		WATER PROD	BS & W	GOR	GRAVITY
22 /64"	☐ 1 POSITIVE 2 ADJUST	1150 BPD	99 %	37619/1 CF/BBL	46 API AT 60° F

PERFORATIONS 8768'-8772' — TOTAL DEPTH 10,000'

CLEARANCE & CERTIFICATION

ADDITIONAL CLEARANCE IS REQUESTED FOR ____ BBLS OF OIL PRODUCED ON DRILL STEM OR OTHER PRODUCTION TEST (SEE SECTION X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE)

RECEIVED
JUL 24 1996
OFFICE OF CONSERVATION
LAFAYETTE, LOUISIANA

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITH IN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29 B, SECTION X PARAGRAPH A, ARTICLE 1)

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

Wayne Hardy
SIGNATURE

United World Energy Corporation
OPERATOR

President
TITLE

FORM COMP (REV 1 78)

OFFICE OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

> All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

TEST DATA

Date of Test	Time of Test	Amount of Oil Produced
_____	_____M. to_____M.	_____Barrels
_____	_____M. to_____M.	_____Barrels
_____	_____M. to_____M.	_____Barrels
_____	_____M. to_____M.	_____Barrels
_____	_____M. to_____M.	_____Barrels

TOTAL_____BARRELS

The above total barrels of oil were produced from_____Ft. to_____Ft.

Remarks: _____

_____

_____ _____

OPERATOR (Signed) OPERATOR REPRESENTATIVE

CODES TO USE IN REPORTING STATUS OF WELL

10 Active
33 Inactive-Future Utility (does not include waiting on pipeline or market)
36 Inactive waiting on pipeline
37 Inactive waiting on market

Corrected

JUL 26 1996
Office of Conservation
Well Files
Baton Rouge, La.

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

● SERIAL NO: 195098

PRODUCING INTERVAL: 8768-8772'

RESERVOIR (COMPANY SAND IDENTIFICATION): Discorbus

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion: NOTE: If not properly completed and signed this report will be returned

* LEASE AND WELL DATA

CHECK APPROPRIATE BOXES
- [ ] NEW WELL
- [x] RECOMPLETION
- [ ] P & A

● [ ] 31 INACTIVE DRY HOLE FUT UTIL
- [ ] 32 INACTIVE DRY HOLE NO FUT UTIL
- [ ] 36 INACTIVE WAITING ON PIPELINE
- [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT: [ ] OIL [x] GAS [ ] OTHER

IF RECOMPLETION: [ ] SAME RESERVOIR [x] DIFFERENT RESERVOIR

DATE COMP, RECOMP, OR P & A ● M D Y: 01/04/96

OPERATOR: United World Energy Corp. | CODE ●: U-015 | ADDRESS: P.O. Box 32166 Lafayette, LA 70593

WELL NAME: Hayes Unit 1 | WELL NO: #1 3

PARISH: Jefferson Davis | SEC 17 TWP 11S RGE 5W | DATE PERMIT ISSUED: 12/07/95

DATE SPUDDED ● M D Y: 12/18/95 | DATE READY TO PRODUCE*: 01/04/96 | TOTAL DEPTH: 10,000 | PBTD: 8900

GROUND ELEVATION: | CASING HEAD FLANGE ELEVATION: | DISTANCE FROM RKB TO CHF: 18.10

DATE WELL TURNED INTO TANKS: 01/04/96 | SINGLE, DUAL OR TRIPLE COMPLETION?: Single | NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?: No | WAS DIRECTIONAL SURVEY MADE?: NO | WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?: Yes | DATE FILED: 01/08/96

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION): | DATE FILED:

CASING, LINER AND TUBING RECORD

●	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101										
102										
103										
104										
105										

● TUBING SIZE: 2-3/8 | ● DEPTH OF TUBING: 8171 | ● DEPTH OF PACKER(S): 8139

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: 10.5 BOPD | GAS VOLUME: 395 MCF/DAY | GOR: 37619/1 CF/BBL | CHOKE SIZE: 22 /64" | PRODUCING METHOD: Flowing

FLOWING TUBING PRESSURE: 880 psig | SHUT-IN TUBING PRESSURE: 1000 psig | CASING PRESSURE: 1220 | WATER PRODUCTION: 1150 BPD | BS&W: 99 %

GRAVITY: 46 °API@60° F | BHP (SHUT-IN): psig | COMPANY REPRESENTATIVE: Wayne Landry | DATE GAUGED: 01/04/96

JUL 03 1996
OFFICE OF CONSERVATION
LAFAYETTE, LOUISIANA

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state: That I am employed by United World Energy Corp. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge

Signature: Wayne Landry Title: Pres

* Date well is equipped to produce, but due to no available market, no pipe line connection, etc., the well has been shut-in

FORM WH 1 (1 78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L#2068-95	12/21/95	B.J. Service	SQ 2. Perfs @ 7292-7300'

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms

FORMATION	DEPTH	FORMATION	DEPTH

MAR 15 1996

Office of Conservation
Well Files
Baton Rouge, LA

STATE OF LOUISIANA
OFFICE OF CONSERVATION
LOUISIANA STATE POTENTIAL REPORT

INPUT TYPE
1 - OC Only
[2] 2 - Original
3 - Correction

District LAFAYETTE
Field HAYES
Parish JEFF
Operator United World Energy Corp Code W015
Sec. 17 TWP. 11S RGE 5W Test Date 2 / 12 / 96
Mo Day Yr

TYPE OF WELL
[2] 1-OIL
2-GAS

TYPE OF TEST
[2] 1-COMPLETION
2-RECOMPLETION
3-RETEST

PRODUCING METHOD
[F] F-FLOWING
P-PUMPING
G-GASLIFT

WELL SERIAL NO	WELL NAME	WELL NO	NAME OF RESERVOIR
195098	VUA; Hayes 41	3	DISCORBOUS

TOTAL DEPTH	PERFORATED INTERVAL FROM	TO	CHOKE /64"	OIL BBLS/DAY	COND BBLS/DAY	GAS MCF/DAY	GAS/OIL RATIO CF/BBL
10000	8768	8772	22	—	105	395	37619/1

PBTD 8900

API GRAV @60° F	WATER BBLS/DAY	BS&W %	FLOWING PRES (PSIG)	CASING PRES (PSIG)	DATE OF COMPLETION MO	DAY	YR
46	1150	99	880	1220	1	4	96

CLOSE TANK / ~~METER~~ GAUGE 5' 9" @ 8:00 AM TIME
OPEN TANK / ~~METER~~ GAUGE 5' 0" @ 8:00 AM TIME
DIFFERENCE 9" in 24 HOURS
TANK / ~~METER~~ NO #1 TANK COEF 1.15

STATIC PRES 135 DIFFERENTIAL PRES 90 LINE SIZE 2"
PLATE SIZE 0.750 COEFFICIENT 32.5102 METER SPRING & DIFF RANGE 1500/100
REMARKS OIL: TEXACO GAS: TEXAS GAS

WITNESSED BY [signature] GAUGED BY Edward Authement
TITLE CEO TITLE

9DH2 (1 78)

SEP 0 2 1997
Office of Conservation
Well Files
Baton Rouge, LA

29-E COMPLIANCE ____ YES ____ NO
29 E UNIT ATTACHED ____ YES ____ NO
O C USE ONLY

STATE OF LOUISIANA
OFFICE OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

DISTRICT Lafayette

CODE NUMBERS:
027
4439
U 015
195098

DATE 06/02/97

1 ON SHORE
3 OFF SHORE

PARISH Jefferson Davis
SEC 20 T 11S R 5W
FIELD Hayes
OC ORDER NO 29-B
OPERATOR United World Energy Corporation
WELL NAME VUA; Hayes U1 NO 3 SERIAL NO 195098
RESERVOIR Discorbus 2A strat
05/27/97 COMPLETION DATE
9:00 TIME X AM PM

IMPORTANT
IS A FORM MD-10 R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES [ ] NO [X]
REMARKS: Workover-Completed in 1280 Voluntary Unit

COMPLETION DATA

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
2 (1 - ORIG COMP, 2 - RE COMP)	2 (1 - OIL, 2 - GAS, 3 - DRY GAS)	2 (1 - YES, 2 - NO)	F (F - FLOWING, G L- GAS LIFT, P - PUMPING)	1 0 SEE REVERSE SIDE FOR CODE

* IF THIS IS A RE-COMPLETION SPECIFY SAME RESERVOIR [ ] DIFFERENT RESERVOIR [X]

INITIAL PROD	GAS VOLUME	FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE
1.5 BOPD	492 MCF/DAY	740 PSIG	1460 PSIG	660 PSIG

CHOKE SIZE		WATER PROD	BS & W	GOR	GRAVITY
11 /64"	1 (1 POSITIVE, 2 ADJUST)	8 BPD	84 %	328,000/1 CF/BBL	54.5 API AT 60° F

PERFORATIONS 8920' - 8934' TOTAL DEPTH 10,000'

CLEARANCE & CERTIFICATION

ADDITIONAL CLEARANCE IS REQUESTED FOR ____ BBLS OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST. (SEE SECTION X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE)

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

SIGNATURE

United World Energy Corporation
OPERATOR

President
TITLE

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITHIN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1)

RECEIVED
JUN 2 2 1997
Lafayette District Office

FORM COMP (REV 1 78)

OFFICE OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

> All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

TEST DATA

Date of Test	Time of Test	Amount of Oil Produced
06/27/97	7:00 AM. to 7:00 AM.	1.50 Barrels
	M. to M.	Barrels
	M. to M.	Barrels
	M. to M.	Barrels
	M. to M.	Barrels
	TOTAL	1.50 BARRELS

The above total barrels of oil were produced from 1'4" Ft. to 1'5" Ft.

Remarks:

United World Energy Corporation

OPERATOR

(Signed) OPERATOR REPRESENTATIVE

CODES TO USE IN REPORTING STATUS OF WELL

10 Active
33 Inactive-Future Utility (does not include waiting on pipeline or market)
36 Inactive waiting on pipeline
37 Inactive waiting on market

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SEP 02 1997

Office of Conservation
Well Files
Baton Rouge, LA

● SERIAL NO: 195098

PRODUCING INTERVAL: 8920' - 8934'

RESERVOIR (COMPANY SAND IDENTIFICATION): Discorbus 2A (strat)

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES
- [ ] NEW WELL
- [x] RECOMPLETION
- [ ] P & A

● [ ] 31 INACTIVE DRY HOLE FUT UTIL
- [ ] 32 INACTIVE DRY HOLE NO FUT UTIL
- [ ] 36 INACTIVE WAITING ON PIPELINE
- [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT
- [ ] OIL
- [x] GAS
- [ ] OTHER

IF RECOMPLETION
- [ ] SAME RESERVOIR
- [x] DIFFERENT RESERVOIR

DATE COMP, RECOMP, OR P & A ● M D Y: 05/27/97

OPERATOR: United World Energy Corporation

CODE ●: U-015

ADDRESS: P.O. Box 80933, Lafayette, LA 70598-0933

WELL NAME: VUA; Hayes U1

WELL NO: 3

PARISH: Jefferson Davis

SEC 20 TWP 11S RGE 5W

DATE PERMIT ISSUED: 02/25/97

DATE SPUDDED ● M D Y: 04/30/97

DATE READY TO PRODUCE*: 05/29/97

TOTAL DEPTH: 10,000'

PBTD: 10,000'

GROUND ELEVATION:

CASING HEAD FLANGE ELEVATION:

DISTANCE FROM RKB TO CHF: 18.1'

DATE WELL TURNED INTO TANKS: 05/29/97

SINGLE, DUAL OR TRIPLE COMPLETION?: Single

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?: No

WAS DIRECTIONAL SURVEY MADE?: No

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?:

DATE FILED:

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION):

DATE FILED:

CASING, LINER AND TUBING RECORD

●	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101	10 3/4		40.5	0	2500'					
102	5 1/2		17	0	10,000'					
103										
104										
105										

● TUBING SIZE: 2 3/8 ● DEPTH OF TUBING: 8866 ● DEPTH OF PACKER(S): 8833

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: 1.50 BOPD

GAS VOLUME: 492 MCF/DAY

GOR: 328,000/1 CF/BBL

CHOKE SIZE: 11 /64"

PRODUCING METHOD: Flowing

FLOWING TUBING PRESSURE: 740 psig

SHUT-IN TUBING PRESSURE: 1460 psig

CASING PRESSURE: 660

WATER PRODUCTION: 8 BPD

BS&W: 84 %

GRAVITY: °API@60° F

BHP (SHUT-IN): 3548 Est. psig

COMPANY REPRESENTATIVE: Wayne Landry

DATE GAUGED: 06/27/97

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	CEMENT PLUGS TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR

RECEIVED
AUG 1 8 1997
Lafayette District Office

CERTIFICATE: I, the undersigned, state: That I am employed by United World Energy Corporation and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge

Signature: Wayne Landry Title: President

* Date well is equipped to produce but due to no available market, no pipe line connection, etc; the well has been shut-in

FORM WH 1 (1 78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L-361-97	05/21/97	Grosse Tete Well Service	Squeezed leak in casing between 6323'- 6347'; Squeezed perfs at 8765' - 8772'; Drilled out cibp at 8900' reperforated well at 8920' - 8934'.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms

FORMATION	DEPTH	FORMATION	DEPTH

STATE OF LOUISIANA

OFFICE OF CONSERVATION

LOUISIANA STATE POTENTIAL REPORT

AUG 12 1997
Office of Conservation
Well Files
Baton Rouge, LA

District Lafayette
Field Hays
Parish Jeff Davis
Operator United World Energy Corp. Code N-015
Sec 20 TWP 21S RGE 05W Test Date 08 / 07 / 97

INPUT TYPE [2]
1 - OC Only
2 - Original
3 - Correction

TYPE OF WELL [2] 1-OIL 2-GAS

TYPE OF TEST [2] 1-COMPLETION 2-RECOMPLETION 3-RETEST

PRODUCING METHOD [F] F-FLOWING P-PUMPING G-GASLIFT

WELL SERIAL NO	WELL NAME	WELL NO	NAME OF RESERVOIR
195098	Hayes U-1 Well #3	3	Discorbis 2B START

TOTAL DEPTH	PERFORATED INTERVAL FROM	TO	CHOKE /64"	OIL BBLS/DAY	COND BBLS/DAY	GAS MCF/DAY	GAS/OIL RATIO CF/BBL
10000	8920	8934	1/	~~[illegible]~~	1.5	.492	328000

API GRAV @60°F	WATER BBLS/DAY	BS&W %	FLOWING PRES (PSIG)	CASING PRES (PSIG)	DATE OF COMPLETION MO	DAY	Y
61	8	84	740	580	05	20	97

CLOSE TANK/METER GAUGE 1'-5" @ 7 Am TIME
OPEN TANK/METER GAUGE 1'-4" @ 7 Am TIME
DIFFERENCE 1" in 24 HOURS
TANK/METER NO 10179 TANK COEF 1.67

STATIC PRES 210 DIFFERENTIAL PRES 68 LINE SIZE 2
PLATE SIZE .750 COEFFICIENT 2.60 METER SPRING & DIFF RANGE 150/100
REMARKS Allowable effective this date.

AUG

WITNESSED BY R.W. Sanders GAUGED BY Ed Authement
TITLE CEA 236 TITLE

SDM2 (1-78)

RECEIVED

APR 10 1999

29-E COMPLIANCE ____ YES ____ NO

29 E UNIT ATTACHED ____ YES ____ NO

APR 26 1999

Office of Conservation
Well Files
Baton Rouge, LA

O C USE ONLY

STATE OF LOUISIANA
OFFICE OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

DISTRICT Lafayette

CODE NUMBERS		
027	PARISH	Jefferson Davis
4439	FIELD	Hayes
U-015	OPERATOR	United World Energy Corp.
195098	WELL NAME	VUA; Hayes U1 NO 003
	RESERVOIR	Discorbus 2 A strat

DATE 03/11/99

[1] 1 - ON SHORE 3 - OFF SHORE

SEC 20 T 11S R 5W

OC ORDER NO 29B

SERIAL NO 195098

03/10/99 COMPLETION DATE

5:25 TIME [ ] AM [X] PM

IMPORTANT

IS A FORM MD 10 R A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES [ ] NO [X]

REMARKS Recompletion in 1280 acre voluntary unit

COMPLETION DATA

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
[2] 1 ORIG COMP 2 RE COMP	[2] 1 - OIL 2 - GAS 3 - DRY GAS	[2] 1 - YES 2 - NO	[F] F - FLOWING GL GAS LIFT P - PUMPING	[1 0] SEE REVERSE SID FOR CODE

* IF THIS IS A RE-COMPLETION SPECIFY: SAME RESERVOIR [X] DIFFERENT RESERVOIR [ ]

INITIAL PROD	GAS VOLUME	FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE
-0- BOPD	80 MCF/DAY	190 PSIG	190 PSIG	340 PSIG

CHOKE SIZE		WATER PROD	BS & W	GOR	GRAVITY
12/64"	[1] 1 - POSITIVE 2 - ADJUST	0 BPD	0 %	0 CF/BBL	54.5 API AT 60° F

PERFORATIONS 8916' - 40' TOTAL DEPTH 10,000

CLEARANCE & CERTIFICATION

ADDITIONAL CLEARANCE IS REQUESTED FOR 0 BBLS OF OIL PRODUCED ON DRILL STEM OR OTHER PRODUCTION TEST. (SEE SECTION X PAPAGRAPH B OF ORDER 29-B ON REVERSE SIDE)

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

Wayne Landry
SIGNATURE

Wayne Landry
OPERATOR

President
TITLE

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITHIN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1)

FORM COMP (REV 1 78)

OFFICE OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

> All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

TEST DATA

Date of Test	Time of Test	Amount of Oil Produced
_____	_____M. to _____M.	_____Barrels
_____	_____M. to _____M.	_____Barrels
_____	_____M. to _____M.	_____Barrels
_____	_____M. to _____M.	_____Barrels
_____	_____M. to _____M.	_____Barrels

TOTAL _____ BARRELS

The above total barrels of oil were produced from _____ Ft. to _____ Ft.

Remarks: _____

_____

_____ _____

OPERATOR (Signed) OPERATOR REPRESENTATIVE

CODES TO USE IN REPORTING STATUS OF WELL

10 Active
33 Inactive-Future Utility (does not include waiting on pipeline or market)
36 Inactive waiting on pipeline
37 Inactive waiting on market

RECEIVED

APR 19 1999

Lafayette

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO: 195098

PRODUCING INTERVAL: 8916' - 40'

RESERVOIR (COMPANY SAND IDENTIFICATION): Discorbus 2 A (strat)

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES: [ ] NEW WELL [X] RECOMPLETION [ ] P & A

[ ] 31 INACTIVE DRY HOLE FUT UTIL
[ ] 32 INACTIVE DRY HOLE NO FUT UTIL
[ ] 36 INACTIVE WAITING ON PIPELINE
[ ] 37 INACTIVE WAITING ON MARKET

PRODUCT: [ ] OIL [X] GAS [ ] OTHER

IF RECOMPLETION: [X] SAME RESERVOIR [ ] DIFFERENT RESERVOIR

DATE COMP, RECOMP, OR P & A (M D Y): 03/10/99

OPERATOR: United World Energy Corp.

CODE: U-015

ADDRESS: 2006 Ambassador Caffery Pkwy. Lafayette, LA 70506

WELL NAME: VUA; Hayes U1

WELL NO: #3

PARISH: Jefferson Davis

SEC 20 TWP 11S RGE 5W

DATE PERMIT ISSUED: 03/25/99

DATE SPUDDED (M D Y):

DATE READY TO PRODUCE*: 03/10/99

TOTAL DEPTH: 10,000

PBTD:

GROUND ELEVATION:

CASING HEAD FLANGE ELEVATION:

DISTANCE FROM RKB TO CHF: 18.10'

DATE WELL TURNED INTO TANKS: 03/22/99

SINGLE, DUAL OR TRIPLE COMPLETION?: Single

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?: No

WAS DIRECTIONAL SURVEY MADE?: No

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?:

DATE FILED:

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION):

DATE FILED:

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101	10 3/4		40.5	0	2,500'					
102	5 1/2		17.0	0	10,000'					
103										
104										
105										

TUBING SIZE: 2 3/8 DEPTH OF TUBING: 8866' DEPTH OF PACKER(S): 8833'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	GOR	CHOKE SIZE	PRODUCING METHOD
-0- BOPD	80 MCF/DAY	N/A CF/BBL	12 /64"	Compression

FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE	WATER PRODUCTION	BS&W
190 psig	190 psig	340	-0- BPD	-0- %

GRAVITY	BHP (SHUT-IN)	COMPANY REPRESENTATIVE	DATE GAUGED
54.5 °API@60° F	N/A psig	Wayne Landry	03/22/99

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENT OR OFFSET OPERATOR

APR 26 1999
Office of Conservation
Well Files
Baton Rouge, LA

CERTIFICATE: I, the undersigned, state: That I am employed by United World Energy and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: Wayne Landry Title: Pres

* Date well is equipped to produce, but due to no available market, no pipe line connection, etc., the well has been shut-in

FORM WH 1 (1-78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L247-99	03/10/99	Woods Group	Reperforated well @ 8916'-40' in more of existing zone

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms

FORMATION	DEPTH	FORMATION	DEPTH

29-E COMPLIANCE _____ YES _____ NO

29-E UNIT ATTACHED _____ YES _____ NO

O C USE ONLY

MAY 21 1999

Office of Conservation
Well Files
Baton Rouge, LA

STATE OF LOUISIANA
OFFICE OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

DISTRICT Lafayette

CODE NUMBERS:

DATE 03/22/99

[1] 1 ON-SHORE 3 OFF-SHORE

027 — PARISH Jefferson Davis — SEC 20 T 11S R 5W

4439 — FIELD Hayes — OC ORDER NO 29B

U 015 — OPERATOR United World Energy Corp.

195098 — WELL NAME VUA; Hayes U1 — NO 3 — SERIAL NO 195098

RESERVOIR Discorbus 2 B strat — COMPLETION DATE 03/18/99 — TIME 2:00 [ ] AM [X] PM

IMPORTANT: IS A FORM MD-10-R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES [ ] NO [X]

REMARKS:

COMPLETION DATA:

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
[2] 1 ORIG COMP 2 RE-COMP	[2] 1 - OIL 2 - GAS 3 - DRY GAS	[2] 1 - YES 2 - NO	[F] F - FLOWING GL GAS LIFT P - PUMPING	[1 0] SEE REVERSE SIDE FOR CODE

* IF THIS IS A RE COMPLETION SPECIFY: SAME RESERVOIR [ ] DIFFERENT RESERVOIR [X]

INITIAL PROD	GAS VOLUME	FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE
-0- BOPD	103 MCF/DAY	940 PSIG	1360 PSIG	340 PSIG

CHOKE SIZE		WATER PROD	BS & W	GOR	GRAVITY
6 /64"	[1] 1 POSITIVE 2 ADJUST	-0- BPD	-0- %	-0- CF/BBL	54.5 API AT 60° F

PERFORATIONS 9328' - 32' TOTAL DEPTH 10,000

CLEARANCE & CERTIFICATION

ADDITIONAL CLEARANCE IS REQUESTED FOR 0 BBLS OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST (SEE SECTION X PARAGRAPH B OF ORDER 29 B ON REVERSE SIDE)

MAY 13 1999

OFFICE OF CONSERVATION

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

Wayne Landry
SIGNATURE

Wayne Landry
OPERATOR

President
TITLE

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITHIN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1)

FORM COMP (REV 1 78)

OFFICE OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

> All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

TEST DATA

Date of Test	Time of Test	Amount of Oil Produced
_____	_____M. to _____M.	_____Barrels
_____	_____M. to _____M.	_____Barrels
_____	_____M. to _____M.	_____Barrels
_____	_____M. to _____M.	_____Barrels
_____	_____M. to _____M.	_____Barrels

TOTAL _____ BARRELS

The above total barrels of oil were produced from _____Ft. to _____Ft.

Remarks: _____

_____

_____ _____

OPERATOR (Signed) OPERATOR REPRESENTATIVE

CODES TO USE IN REPORTING STATUS OF WELL

10 Active
33 Inactive-Future Utility (does not include waiting on pipeline or market)
36 Inactive waiting on pipeline
37 Inactive waiting on market

RECEIVED
APR 29 1999
Lafayette Office

STATE OF LOUISIANA
OFFICE OF CONSERVATION
LOUISIANA STATE POTENTIAL REPORT

District Lafayette
Field Hayes 4439
Parish Jeff Davis 027
Operator United World Energy Corp. Code U-015
Sec 20 TWP. 11 S RGE. 05 W Test Date 4 / 27 / 199
12 Mo Day Yr

INPUT TYPE
1 - OC Only
2 - Original
3 - Correction
[2] 11

TYPE OF WELL
[2] 18
1-OIL
2-GAS

APR 30 1999
Office of Conservation
Well Files
Baton Rouge, LA

TYPE OF TEST
[2] 19
1-COMPLETION
2-RECOMPLETION
3-RETEST

PRODUCING METHOD
[G] 20
F-FLOWING
P-PUMPING
G-GASLIFT

WELL SERIAL NO	WELL NAME	WELL NO	NAME OF RESERVOIR
195098	Hayes U-1 well #3	3	Discorbus 2 A strat
27			

TOTAL DEPTH	PERFORATED INTERVAL FROM	TO	CHOKE /64"	OIL BBLS/DAY	COND BBLS/DAY	GAS MCF/DAY	GAS/OIL RATIO CF/BBL
10,000	8916	8914 0	48	—	5	140	28000 / 1
33	38	43	48	51	57	63	69

API GRAV @ 60° F	WATER BBLS/DAY	BS&W %	FLOWING PRES (PSIG)	CASING PRES (PSIG)	DATE OF COMPLETION MO	DAY	YR
48.5	1½	22%	110	510	3	10	99
76	80	86	89	95	101		

CLOSE TANK/METER GAUGE 11-8 @ 8:00 AM TIME
OPEN TANK/METER GAUGE 11-5 @ 8:00 AM TIME
DIFFERENCE 3" in 24 HOURS
TANK/METER NO 10081 TANK COEF 1.67/inch

STATIC PRES 100 DIFFERENTIAL PRES 5" LINE SIZE 2"
PLATE SIZE 1.000 COEFFICIENT 6.5 METER SPRING & DIFF RANGE 1500 X/100
REMARKS

WITNESSED BY R.W. Sanders GAUGED BY Ed Authement
TITLE CEA TITLE Gauger

SDM2 (1-78)

MAY 21 1999
Office of Conservation
Well Files
Baton Rouge, LA

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

● SERIAL NO: 195098

PRODUCING INTERVAL: 9328' - 32'

RESERVOIR (COMPANY SAND IDENTIFICATION): Discorbus 2 B (strat)

MAY 13 1999

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES
- [ ] NEW WELL
- [X] RECOMPLETION
- [ ] P & A

● [ ] 31 INACTIVE DRY HOLE FUT UTIL
- [ ] 32 INACTIVE DRY HOLE NO FUT UTIL
- [ ] 36 INACTIVE WAITING ON PIPELINE
- [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT
- [ ] OIL
- [X] GAS
- [ ] OTHER

IF RECOMPLETION
- [ ] SAME RESERVOIR
- [X] DIFFERENT RESERVOIR

DATE COMP, RECOMP, OR P & A ● M D Y

OPERATOR: United World Energy Corp.

CODE ●: U-015

ADDRESS: 2006 Ambassador Caffery Pkwy. Lafayette, LA 70506

WELL NAME: VUA; Hayes U 1

WELL NO: #3

PARISH: Jefferson Davis

SEC 20 TWP 11S RGE 5W

DATE PERMIT ISSUED: L# 399-99

DATE SPUDDED ● M D Y

DATE READY TO PRODUCE*: 03/18/99

TOTAL DEPTH: 10,000'

PBTD: 10,000'

GROUND ELEVATION:

CASING HEAD FLANGE ELEVATION:

DISTANCE FROM RKB TO CHF: 18.10'

DATE WELL TURNED INTO TANKS:

SINGLE, DUAL OR TRIPLE COMPLETION?

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?

WAS DIRECTIONAL SURVEY MADE?

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?

DATE FILED

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION)

DATE FILED

CASING, LINER AND TUBING RECORD

●	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101	10 3/4		40.5	0	2500					
102	5 1/2		17.0	0	10,000					
103										
104										
105										

● TUBING SIZE: 2 3/8 ● DEPTH OF TUBING: 8866' ● DEPTH OF PACKER(S): 8833'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: -0- BOPD

GAS VOLUME: 103 MCF/DAY

GOR: N/A CF/BBL

CHOKE SIZE: 6 /64"

PRODUCING METHOD: Flowing

FLOWING TUBING PRESSURE: 940 psig

SHUT-IN TUBING PRESSURE: 1360 psig

CASING PRESSURE: 340

WATER PRODUCTION: 0 BPD

BS&W: 0 %

GRAVITY: 54.5 °API@60° F

BHP (SHUT-IN): N/A psig

COMPANY REPRESENTATIVE: Wayne Landry

DATE GAUGED:

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state: That I am employed by United World Energy and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge

Signature: Wayne Landry Title: President

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc; the well has been shut-in

FORM WH 1 (1 78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L# 399-99	03/18/99	Woods Group	Perf for prod. in new zone @ 9328' - 32'

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms

FORMATION	DEPTH	FORMATION	DEPTH

STATE OF LOUISIANA
OFFICE OF CONSERVATION
AMENDED PERMIT TO DRILL FOR MINERALS

(CORRECTED)

195098 SERIAL NO. DATE 10/25/2000 EFFECTIVE 01/01/2001

CURRENT CODE

27	PARISH	JEFFERSON DAVIS
4439	FIELD	HAYES
U015	OPERATOR	UNITED WORLD ENERGY CORP.
20	PRODUCT	2006 AMBASSADOR CAFFERY PKWY
		LAFAYETTE, LA 70506-0000

LAFAYETTE DISTRICT

7-302918 WELL NAME VUA;HAYES U1 NO. 003
LOCATION OF WELL SEC 020 T 11S R 05W M W
FORMER WELL NAME:VUA;HAYES U1 003 3-195098

APPLICABLE OFFICE OF CONSERVATION ORDERS

PHILIP N. ASPRODITES
COMMISSIONER OF CONSERVATION

TODD KEATING
ISSUING AUTHORITY

WELL FILE

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN9960

Serial Num 195098 **Date** July 9, 2008	**Operator** United World Energy Corp. **Id** U015
Lease Name VUA;HAYES U1 # 003	**Address** 2006 Ambassador Caffery Pkwy
Section: 020 **Township:** 11S **Range:** 05W	Lafayette , LA 70506-0000
Parish JEFFERSON DAVIS	**Phone**
Field Hayes Id: 4439	**Contact** Wayne Landry

A. INSPECTION REASON

Periodic **Complaint #** **Order #**

B. FACILITY TYPE

Single Lease **Commingled:** N **Permit no.** **Oil** N **Gas** N **Both** Y

C. WELL SITE

1. **IDENTIFICATION** Passed
2. **CONDITION** Passed

Violations:

Well Site Comments:

D. TANK BATTERY

1. **IDENTIFICATION** Passed

Violations:

2. **CONTAINMENT** Passed **Type** **Reference well:**

Violations:

3. **BLEEDERS** **Exist:** N/A Passed

Violations:

4. **PIPELINE SALES VALVES** Passed Transport

Violations:

5. **B S & W VALVES** Passed

Violations:

6. **MECHANICAL ARRANGEMENT** Passed

Violations:

7. **STRUCTURAL INTEGRITY OF STORAGE TANKS** Passed

Violations:

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN9960

8. VENTING OF STORAGE TANK Passed

Violations:

Tank Battery Comments:

E. FIRE HAZARD Passed

Violations:

Fire Comments:

F. DISCHARGE OF E&P Passed

Violations:

Discharge Status:

Discharge Comments:

G. DISPOSITION OF E&P

Site Id **Permit No:**

H. EXISTENT PITS No **I. NO. OF WELLS ON LEASE**

REMARKS

THE OPERATOR'S REPRESENTATIVE SHALL SIGN THIS REPORT TO ACKNOWLEDGE RECEIPT OF HIS COPY, YOUR SIGNATURE CANNOT BE CONSTRUED AS AN ADMISSION OF GUILT FOR ANY VIOLATIONS CONTAINED IN THIS REPORT.

July 9, 2008 **IN COMPLIANCE** **Yes** **Sealed**

Operator's Representative

LEO SONNIER July 9, 2008

Conservation Enforcement Agent

Sonris Id: 3414

Latitude (Deg/Min/Sec:) 30 4 53.07 Longitude (Deg/Min/Sec:) 92 54 33.13 GPS Position: SW

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN9960

Serial Num 195098 **Date** September 24, 2008	**Operator** United World Energy Corp. **Id** U015
Lease Name VUA;HAYES U1 # 003	**Address** 2006 Ambassador Caffery Pkwy
Section: 020 **Township:** 11S **Range:** 05W	Lafayette , LA 70506-0000
Parish JEFFERSON DAVIS	**Phone**
Field Hayes Id: 4439	**Contact** Wayne Landry

A. INSPECTION REASON

Periodic **Complaint #:** **Order #:**

B. FACILITY TYPE

Multi Lease **Commingled:** N **Permit no.** **Oil:** N **Gas:** N **Both:** Y

C. WELL SITE

1. **IDENTIFICATION:** Passed 2. **CONDITION:** Passed

Violation(s):

Well Site Comments:

D. TANK BATTERY

1. **IDENTIFICATION:** Passed

Violation(s):

2. **CONTAINMEN** Passed **Type:** **Reference well:**

Violation(s):

3. **BLEEDERS** **Exist:** N/A Passed

Violation(s):

4. **PIPELINE SALES VALVES:** Passed **Transporter:**

Violation(s):

5. **B S & W VALVES:** Passed

Violation(s):

6. **MECHANICAL ARRANGEMENT:** Passed

Violation(s):

7. **STRUCTURAL INTEGRITY OF STORAGE TANKS** Passed

Violation(s):

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN9960

8. VENTING OF STORAGE TANK Passed

Violation(s):

Tank Battery Comments:

E. FIRE HAZARD Passed

Violation(s):

Fire Comments:

F. DISCHARGE OF E&P Passed

Violation(s):

Discharge Status:

Discharge Comments:

G. DISPOSITION OF E&P

Site Id: **Permit No:**

H. EXISTENT PITS: No **I. NO. OF WELLS ON LEASE:**

REMARKS:

THE OPERATOR'S REPRESENTATIVE SHALL SIGN THIS REPORT TO ACKNOWLEDGE RECEIPT OF HIS COPY, YOUR SIGNATURE CANNOT BE CONSTRUED AS AN ADMISSION OF GUILT FOR ANY VIOLATIONS CONTAINED IN THIS REPORT.

No Witness September 24, 2008 **IN COMPLIANCE** **Yes** **Sealed:** N

Operator's Representative

LEO SONNIER September 24, 2008

Conservation Enforcement Agent

Sonris Id: 3578

Latitude (Deg/Min/Sec:) 30 4 53.1 Longitude (Deg/Min/Sec:) 92 54 33.1 GPS Position: SW

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN9960

Serial Num 195098 **Date** February 4, 2010	**Operator** United World Energy Corp. **Id** U015
Lease Name VUA;HAYES U1 # 003	**Address** 2006 Ambassador Caffery Pkwy
Section: 020 **Township:** 11S **Range:** 05W	Lafayette , LA 70506-0000
Parish JEFFERSON DAVIS	**Phone**
Field Hayes Id: 4439	**Contact** Wayne Landry

A. INSPECTION REASON

Periodic **Complaint #:** **Order #:**

B. FACILITY TYPE

Multi Lease **Commingled:** N **Permit no.** **Oil:** N **Gas:** N **Both:** Y

C. WELL SITE

1. **IDENTIFICATION:** Passed
2. **CONDITION:** Passed

Violation(s):

Well Site Comments:

D. TANK BATTERY

1. **IDENTIFICATION:** Passed

Violation(s):

2. **CONTAINMEN** Passed **Type:** **Reference well:**

Violation(s):

3. **BLEEDERS** **Exist:** N/A Passed

Violation(s):

4. **PIPELINE SALES VALVES:** Passed **Transporter:**

Violation(s):

5. **B S & W VALVES:** Passed

Violation(s):

6. **MECHANICAL ARRANGEMENT:** Passed

Violation(s):

7. **STRUCTURAL INTEGRITY OF STORAGE TANKS** Passed

Violation(s):

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN9960

8. VENTING OF STORAGE TANK Passed

Violation(s):

Tank Battery Comments:

E. FIRE HAZARD Passed

Violation(s):

Fire Comments:

F. DISCHARGE OF E&P Passed

Violation(s):

Discharge Status:

Discharge Comments:

G. DISPOSITION OF E&P

Site Id: **Permit No:**

H. EXISTENT PITS: No **I. NO. OF WELLS ON LEASE:**

REMARKS:

THE OPERATOR'S REPRESENTATIVE SHALL SIGN THIS REPORT TO ACKNOWLEDGE RECEIPT OF HIS COPY, YOUR SIGNATURE CANNOT BE CONSTRUED AS AN ADMISSION OF GUILT FOR ANY VIOLATIONS CONTAINED IN THIS REPORT.

No Witness February 4, 2010 **IN COMPLIANCE** **Yes** **Sealed:** N

Operator's Representative

LEO SONNIER February 4, 2010

Conservation Enforcement Agent

Sonris Id: 3654

Latitude (Deg/Min/Sec:) **Longitude (Deg/Min/Sec:)** **GPS Position:**

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN9960

Serial Num 195098 **Date** May 18, 2010	**Operator** United World Energy Corp. **Id** U015
Lease Name VUA;HAYES U1 # 003	**Address** 2006 Ambassador Caffery Pkwy
Section: 020 **Township:** 11S **Range:** 05W	Lafayette , LA 70506-0000
Parish JEFFERSON DAVIS	**Phone**
Field Hayes Id: 4439	**Contact** Wayne Landry

A. INSPECTION REASON

Periodic **Complaint #:** **Order #:**

B. FACILITY TYPE

Single Lease **Commingled:** N **Permit no.** **Oil:** N **Gas:** N **Both:** Y

C. WELL SITE

1. **IDENTIFICATION:** Passed
2. **CONDITION:** Passed

Violation(s):

Well Site Comments:

D. TANK BATTERY

1. **IDENTIFICATION:** Passed

Violation(s):

2. **CONTAINMEN** Passed **Type:** **Reference well:**

Violation(s):

3. **BLEEDERS** **Exist:** N/A Passed

Violation(s):

4. **PIPELINE SALES VALVES:** Passed **Transporter:**

Violation(s):

5. **B S & W VALVES:** Passed

Violation(s):

6. **MECHANICAL ARRANGEMENT:** Passed

Violation(s):

7. **STRUCTURAL INTEGRITY OF STORAGE TANKS** Passed

Violation(s):

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN9960

8. VENTING OF STORAGE TANK Passed

Violation(s):

Tank Battery Comments:

E. FIRE HAZARD Passed

Violation(s):

Fire Comments:

F. DISCHARGE OF E&P Passed

Violation(s):

Discharge Status:

Discharge Comments:

G. DISPOSITION OF E&P

Site Id: **Permit No:**

H. EXISTENT PITS: No **I. NO. OF WELLS ON LEASE:**

REMARKS:

THE OPERATOR'S REPRESENTATIVE SHALL SIGN THIS REPORT TO ACKNOWLEDGE RECEIPT OF HIS COPY, YOUR SIGNATURE CANNOT BE CONSTRUED AS AN ADMISSION OF GUILT FOR ANY VIOLATIONS CONTAINED IN THIS REPORT.

No Witness May 18, 2010 **IN COMPLIANCE** **Yes** **Sealed:** N

Operator's Representative

LEO SONNIER May 18, 2010

Conservation Enforcement Agent

Sonris Id: 3700

Latitude (Deg/Min/Sec:) **Longitude (Deg/Min/Sec:)** **GPS Position:**

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

Serial Num 195098 **Date** June 7, 2012	**Operator** United World Energy Corp. **Id** U015
Lease Name VUA;HAYES U1 # 003	**Address** 2006 Ambassador Caffery Pkwy
Section: 020 **Township:** 11S **Range:** 05W	Lafayette , LA 70506-0000
Parish JEFFERSON DAVIS	**Phone**
Field Hayes Id: 4439	**Contact** Debra Lemoine

A. INSPECTION REASON

Periodic **Complaint #:** **Order #:**

B. FACILITY TYPE

Single Lease **Commingled:** N **Permit no.** **Oil:** N **Gas:** N **Both:** Y

C. WELL SITE

1. **IDENTIFICATION:** Passed
2. **CONDITION:** Passed

Violation(s):

Well Site Comments:

D. TANK BATTERY

1. **IDENTIFICATION:** Passed

Violation(s):

2. **CONTAINMEN** Passed **Type:** **Reference well:**

Violation(s):

3. **BLEEDERS** **Exist:** N/A Passed

Violation(s):

4. **PIPELINE SALES VALVES:** Passed **Transporter:**

Violation(s):

5. **B S & W VALVES:** Passed

Violation(s):

6. **MECHANICAL ARRANGEMENT:** Passed

Violation(s):

7. **STRUCTURAL INTEGRITY OF STORAGE TANKS** Passed

Violation(s):

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

8. VENTING OF STORAGE TANK Passed

Violation(s):

Tank Battery Comments: no tank battery associated with this well

E. FIRE HAZARD Passed

Violation(s):

Fire Comments:

F. DISCHARGE OF E&P Passed

Violation(s):

Discharge Status:

Discharge Comments:

G. DISPOSITION OF E&P

Site Id: **Permit No:**

H. EXISTENT PITS: No **I. NO. OF WELLS ON LEASE:**

REMARKS:

THE OPERATOR'S REPRESENTATIVE SHALL SIGN THIS REPORT TO ACKNOWLEDGE RECEIPT OF HIS COPY, YOUR SIGNATURE CANNOT BE CONSTRUED AS AN ADMISSION OF GUILT FOR ANY VIOLATIONS CONTAINED IN THIS REPORT.

No Witness June 7, 2012 **IN COMPLIANCE** **Yes** **Sealed:** N
Operator's Representative

LEO SONNIER June 7, 2012
Conservation Enforcement Agent

Sonris Id: 573

Latitude (Deg/Min/Sec:) **Longitude (Deg/Min/Sec:)** **GPS Position:**

RECEIVED
DEC 2 2012
OFFICE OF CONSERVATION
WELL FILES DIVISION

POSTED

RECEIVED
OCT 26 2012
OFFICE OF CONSERVATION
LAFAYETTE DISTRICT

STATE OF LOUISIANA
OFFICE OF CONSERVATION
PLUG AND ABANDON REPORT

WORK PERMIT NO L# 1396-12 WELL SERIAL NO. 195098

TOTAL DEPTH 10,000 PBTD 5784 DATE WORK FINISHED (MM-DD-YY) 9/22/12

Lafayette DISTRICT
(Submit Original and 2 Copies to Appropriate Division/District)

NOTE: This Report Will Be Returned If Not Properly Completed And Signed

Field Hayes (4439) Parish Jefferson Davis (27) Sec 20 Twp 11S Rng 5W

Operator United World Energy Corp OP CODE U015 Well Name VUA; Hayes U1 Well No. 3

Check Appropriate Box ☐ 29 DRY HOLE ☐ 30 FORMERLY ACTIVE ☒ 18 TEMPORARILY ABANDONED
☐ INJECTION WELL ☐ OTHER 32 Inactive Dry Hole No Fut. Util.

Depth Casing Cut Below Mud Line Or Land Surface Dry Cap Weight Of Mud Left In Well After Abandonment 14.5

Bridge Plugs: Pipe Size 5.500"; Depth Set 5784' to 6232'

Cement Retainers: Pipe Size 5.500" Depth Set 5910'

Is This Well A Multiple Completion? Yes ☐ No ☒ If Yes, Submit Additional Report For Other Well(s) And Indicate Other Serial No(s) In Space Provided. 245250

CASING* SIZE	FEET OF CASING PULLED
16.000	0
10.750	0
5.500	0

CEMENT PLUGS					
CASING* SIZE	TOP OF PLUG	BOTTOM OF PLUG	NUMBER OF SACKS	SLURRY WEIGHT	PLACEMENT METHOD
16.000	N/A	N/A	N/A	N/A	N/A
10.750	N/A	N/A	N/A	N/A	N/A
5.500	5784	6232	53	16.4	Injected

***List Casing Sizes And Plug Depths In Descending Order**

Remarks:

Injected 38 sks of 16.4# "H" cmt into perfs at 6224' Under Cmt. Retainer at 5910' and left 126' cement above retainer at 5784' with 14.5# water Base Mud in entire well. All other perfs sqz befor top plug and retainer was set.

This work was done according to the Rules and Regulations of the Office of Conservation.

Robert Fuge
WITNESS

United World Energy Corp
OPERATOR (Company Name)

Wayne Landry
REPRESENTATIVE (SIGNED)

RWL

FORM P&A (REV 11/03)

OFFICE OF CONSERVATION
WELL HISTORY AND WORK RESUME REPORT

FIELD: HAYES (4439)

SERIAL NO. 195098

PRODUCING INTERVAL N/A

RESERVOIR (COMPANY SAND IDENTIFICATION) N/A

RECEIVED
DEC 07 2012
OFFICE OF CONSERVATION
WELL FILES DIVISION

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion NOTE. If not properly completed and signed, this report will be returned

ST:18

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES		PRODUCT	IF RECOMPLETION	DATE COMP., RECOMP. OR P & A
☐ NEW WELL	☐ 31 INACTIVE DRY HOLE FUT. UTIL.	☐ OIL	☐ SAME RESERVOIR	M D Y
☐ RECOMPLETION	☐ 32 INACTIVE DRY HOLEL NO FUT. UTIL.	☐ GAS	☐ DIFFERENT RESERVOIR	09/22/2012
☒ ~~P&A~~ T/A	☐ 36 INACTIVE WAITING ON PIPELINE	☐ OTHER		
	☐ 37 INACTIVE WAITING ON MARKET			

OPERATOR United World Energy Corp | CODE U015 | ADDRESS 2006 Ambasador Caffery Parkway, Lafayette, La. 70506

WELL NAME VUA; HAYES U1 | WELL NO 3

PARISH	SEC TWP. RGE.	DATE PERMIT ISSUED
Jefferson Davis (4439)	SEC 020 TWP. 11 S RGE. 05W	9/26 / 2012

DATE SPUDDED M D Y	DATE READY TO PRODUCE*	TOTAL DEPTH	PBTD
	N/A	10,000'	5748'

GROUND ELEVATION	CASING HEAD FLANGE ELEVATION	DISTANCE FROM RKB TO CHF
0		18.10'

DATE WELL TURNED INTO TANKS	SINGLE, DUAL OR TRIPLE COMPLETION?	NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?	WAS DIRECTIONAL SURVEY MADE?	WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?	DATE FILED
No	No	No	

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION)	DATE FILED

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101	16.000	Driven		0	90					
102	10.750		40.0	0	2500					
103	5.500		17.0	0	10000					
104										
105										

RECEIVED
OCT 26 2012
OFFICE OF CONSERVATION
LAFAYETTE DISTRICT

TUBING SIZE. 0 | DEPTH OF TUBING: 0 | DEPTH OF PACKER(S): 0

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION BOPD	GAS VOLUME MCF/DAY	GOR CF/BBL	CHOKE SIZE /64"	PRODUCING METHOD

FLOWING TUBING PRESSURE psig	SHUT-IN TUBING PRESSURE psig	CASING PRESSURE	WATER PRODUCTION BPD	BS&W %

GRAVITY API-60□F	BHP (SHUT-IN) psig	COMPANY REPRESENTATIVE	DATE GAUGED

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENTOR OFFSET OPERATOR
5.500	0	0	10000	50	Retainer/Pumped	9/22/12	Robert Fruge

CERTIFICATE: I, the undersigned, state: That I am employed by United World Energy Corp. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: _____ Title: President

*Date well is equipped to produce but due to no available market, no pipe line connection, etc., the well has been shut-in.

FORM WH 1(9-09)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L# 1396-12	9/22/2012	Grosse Tete Well service	Temproary Plugged well Cement retainer in 5 1/2" at 5,810' and pumped 295' cement below retainer and left 126' above retainer. Dry hole cap on well

RECEIVED
DEC 07 2012
OFFICE OF CONSERVATION
WELL FILES DIVISION

For hydraulically fractured wells, list below all water sources and corresponding water volumes used in drilling, completion, stimulation and workover operations. (Direct questions to Mr. Robert Romero: (225) 342-8242)

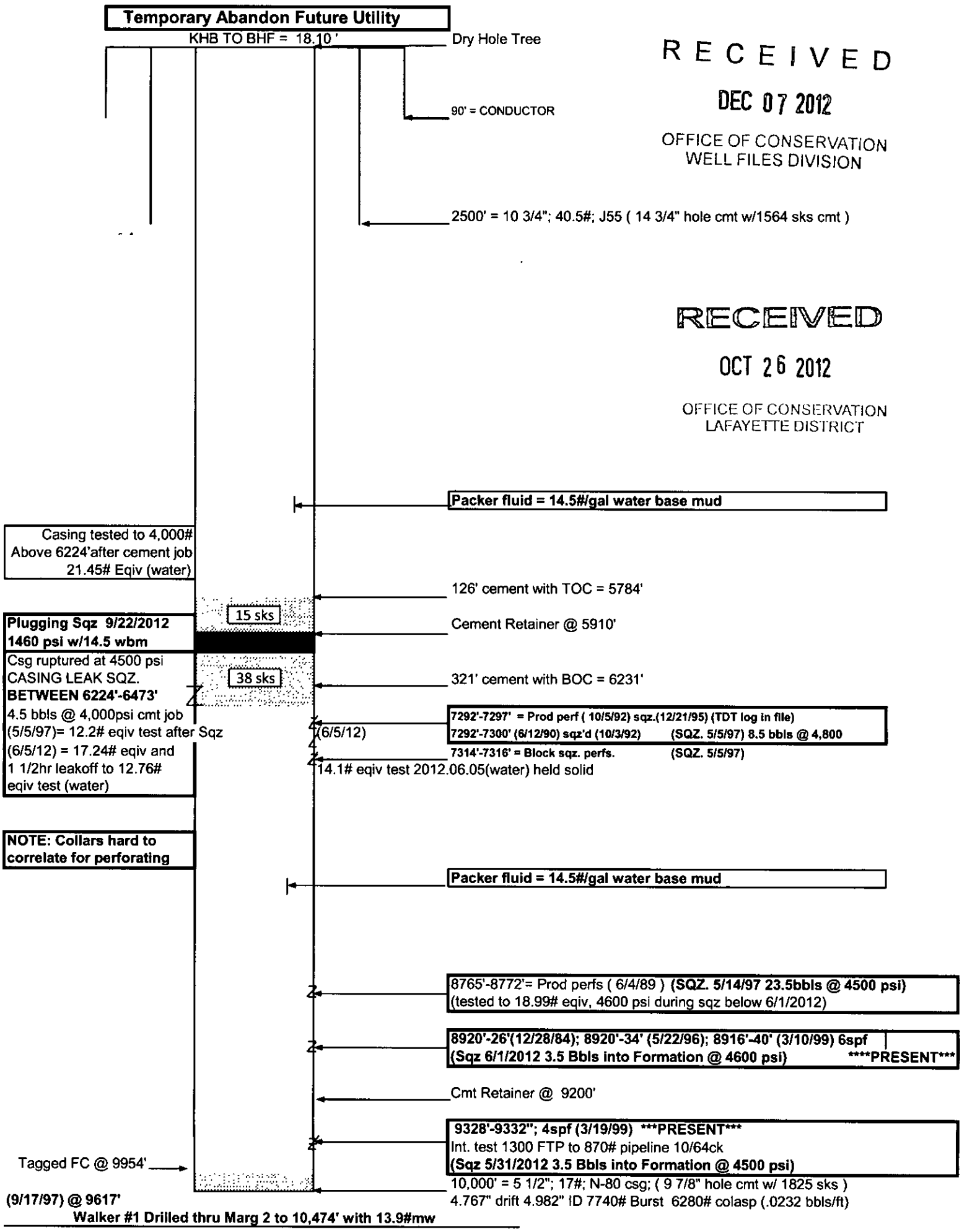
GROUND WATER SOURCE WELL # (DOTD or DNR #)	OTHER WATER SOURCE (Name of surface water body, public supply, etc.)	DRILLING RIG SUPPLY VOLUME (gal)	STIMULATION VOLUME (gal) (hydraulic fracturing)	OTHER VOLUME (gal)
TOTAL GROUND WATER VOLUME USED (gal)				

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH		FORMATION	DEPTH

HAYES UNIT 1 WELL #3

HAYES FIELD
Serial # 195098
September 26, 2012



RECEIVED
DEC 07 2012
OFFICE OF CONSERVATION
WELL FILES DIVISION

RECEIVED
OCT 26 2012
OFFICE OF CONSERVATION
LAFAYETTE DISTRICT

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

Serial Num 195098 **Date** August 21, 2014	**Operator** United World Energy Corporation **Id** U015
Lease Name VUA;HAYES U1 # 003	**Address** 2006 Ambassador Caffery Pkwy
Section: 020 **Township:** 11S **Range:** 05W	Lafayette , LA 70506-0000
Parish JEFFERSON DAVIS	**Phone**
Field Hayes Id: 4439	**Contact** Wayne Landry

A. INSPECTION REASON

Periodic **Complaint #:** **Order #:**

B. FACILITY TYPE

Multi Lease **Commingled:** N **Permit no.** **Oil:** N **Gas:** N **Both:** Y

C. WELL SITE

1. **IDENTIFICATION:** Passed 2. **CONDITION:** Passed

Violation(s):

Well Site Comments:

D. TANK BATTERY

1. **IDENTIFICATION:** Passed

Violation(s):

2. **CONTAINMEN** Passed **Type:** **Reference well:**

Violation(s):

3. **BLEEDERS** **Exist:** N/A Passed

Violation(s):

4. **PIPELINE SALES VALVES:** Passed **Transporter:**

Violation(s):

5. **B S & W VALVES:** Passed

Violation(s):

6. **MECHANICAL ARRANGEMENT:** Passed

Violation(s):

7. **STRUCTURAL INTEGRITY OF STORAGE TANKS** Passed

Violation(s):

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

8. VENTING OF STORAGE TANK Passed

Violation(s):

Tank Battery Comments:

E. FIRE HAZARD Passed

Violation(s):

Fire Comments:

F. DISCHARGE OF E&P Passed

Violation(s):

Discharge Status:

Discharge Comments:

G. DISPOSITION OF E&P

Site Id: **Permit No:**

H. EXISTENT PITS: No **I. NO. OF WELLS ON LEASE:**

REMARKS:

THE OPERATOR'S REPRESENTATIVE SHALL SIGN THIS REPORT TO ACKNOWLEDGE RECEIPT OF HIS COPY, YOUR SIGNATURE CANNOT BE CONSTRUED AS AN ADMISSION OF GUILT FOR ANY VIOLATIONS CONTAINED IN THIS REPORT.

No Witness August 21, 2014 **IN COMPLIANCE** **Yes** **Sealed:** N
Operator's Representative

LEO SONNIER August 21, 2014
Conservation Enforcement Agent

Sonris Id: 283

Latitude (Deg/Min/Sec:) **Longitude (Deg/Min/Sec:)** **GPS Position:**

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

Serial Num 195098 **Date** May 21, 2015	**Operator** United World Energy Corporation **Id** U015
Lease Name VUA;HAYES U1 # 003	**Address** 2006 Ambassador Caffery Pkwy
Section: 020 **Township:** 11S **Range:** 05W	Lafayette , LA 70506-0000
Parish JEFFERSON DAVIS	**Phone**
Field Hayes Id: 4439	**Contact** Wayne Landry/Donna Marquette

A. INSPECTION REASON

Periodic **Complaint #:** **Order #:**

B. FACILITY TYPE

Multi Lease **Commingled:** N **Permit no.** **Oil:** N **Gas:** N **Both:** Y

C. WELL SITE

1. **IDENTIFICATION:** Passed
2. **CONDITION:** Passed

Violation(s):

Well Site Comments:

D. TANK BATTERY

1. **IDENTIFICATION:** Passed

Violation(s):

2. **CONTAINMEN** Passed **Type:** **Reference well:**

Violation(s):

3. **BLEEDERS** **Exist:** N/A Passed

Violation(s):

4. **PIPELINE SALES VALVES:** Passed **Transporter:**

Violation(s):

5. **B S & W VALVES:** Passed

Violation(s):

6. **MECHANICAL ARRANGEMENT:** Passed

Violation(s):

7. **STRUCTURAL INTEGRITY OF STORAGE TANKS** Passed

Violation(s):

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

8. VENTING OF STORAGE TANK Passed

Violation(s):

Tank Battery Comments:

E. FIRE HAZARD Passed

Violation(s):

Fire Comments:

F. DISCHARGE OF E&P Passed

Violation(s):

Discharge Status:

Discharge Comments:

G. DISPOSITION OF E&P

Site Id: **Permit No:**

H. EXISTENT PITS: No **I. NO. OF WELLS ON LEASE:**

REMARKS:

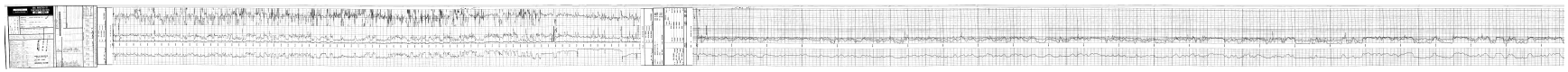
THE OPERATOR'S REPRESENTATIVE SHALL SIGN THIS REPORT TO ACKNOWLEDGE RECEIPT OF HIS COPY, YOUR SIGNATURE CANNOT BE CONSTRUED AS AN ADMISSION OF GUILT FOR ANY VIOLATIONS CONTAINED IN THIS REPORT.

No Witness May 21, 2015 **IN COMPLIANCE** **Yes** **Sealed:** N
Operator's Representative

LEO SONNIER May 21, 2015
Conservation Enforcement Agent

Sonris Id: 289

Latitude (Deg/Min/Sec:) **Longitude (Deg/Min/Sec:)** **GPS Position:**



Schlumberger — REPEAT FORMATION TESTER

195098

COMPANY	GRAHAM EXPLORATION, INC.
WELL	VUA-HAYES UNIT 1 NO. 1
FIELD	HAYES
LOCATION	
COUNTY	JEFF DAVIS

COMPANY GRAHAM EXPLORATION, LTD.
WELL VUA-HAYES UNIT 1 NO. 1
FIELD HAYES
COUNTY JEFF DAVIS STATE LOUISIANA
LOCATION: NW/C SEC 20, 60 S 350' & E 650' TO LOC.
SEC 20 TWP 11S RANGE 5W
Other Services: DIL/SFL/FDC/CNL/ST

Permanent Datum: BHF ; Elev. 7.1
Log Measured From RKB 18.10 Ft. Above Perm. Datum
Drilling Measured From SAME
Elev.: K.B. 25.2 D.F. 24.2 G.L. 7.1

Date	10-30-84
Run No.	ONE
Test No's.	1-9 (SETS)
Type Fluid in Hole	K-LIGNOSULF.
Dens. / Visc.	12.4 / 46
pH / Fluid Loss	10.5 / 3.4
Source of Sample	PIT
Rm @ Meas. Temp.	.348 @ 98 °F
Rmf @ Meas. Temp.	.307 @ 69 °F
Rmc @ Meas. Temp.	.522 @ 98 °F
Source: Rmf / Rmc	M / C
Rm @ BHT	.178 @ 192 °F
Circulation Stopped	0800/10-30
Logger on Bottom	1600/10-30
Max. Rec. Temp.	192 °F
Recorded By	B.SESI
Witnessed By	MR. HINKLE

BORE-HOLE RECORD

Run No.	Bit	From	To
1	9 7/8	9999	2500

CASING RECORD

Size	Wgt.	From	To
10 3/4		2500	SURFACE

OFFICE OF CONSERVATION GEOLOGICAL SECTION RECEIVED APR 9 1985

The well name, location and borehole reference data were furnished by the customer.

			EQUIPMENT DATA	
Run No.	ONE		Run No.	ONE
Operating rig time	8 1/2 HRS.		RFP No.	AD-289
Logging Truck No.	8349		RPP No.	AB-281
F.T. Truck No.	1936		RVP No.	AA-281
F.T. Engineer			RFM No.	586
F.T. Operator	BERGERON		RFC No.	585
Location	LCOH			

REMARKS:
S.O. NO. 423290

SET NO	FLUID TEST	DEPTH	HYDRO PRESS	MIN PRESS	SHUT IN PRESS	SHUT-IN TIME	PERMEABILITY DRAW DOWN MD	PERMEABILITY BUILD UP MD	T 2.5	REMARKS
1	X	8773	5741	3923	3976	.4	3060 AVG			GAS SAMPLE
2		8928	5850	3772	3818					LOST SEAL
3		8928.5	5845	3534	3818					LOST SEAL
4		8927.5	5845	3747	3821					LOST SEAL
5		8929	5847	3437	3815					LOST SEAL
6		8927	5845	3662	3824					LOST SEAL
7		8216	5383	3124	3817					LOW FLOW
8	X	8216.5	5378	3642	3735	.2	54.8			WATER SAMPLE
9	X	7308	4971		3315	.6	734.0 AVG			

* (√) FOR FLUID SAMPLE OR (S) FOR SEGREGATED SAMPLE.

REPEAT FORMATION TESTER RECOVERY AND INTERPRETATION DATA

TEST DEPTH 8773; Set No 1; Segregated [X]; 6 GAL.

RECOVERY DATA: Meter Reading ≈134 (CALCULATED) cuft; (-) Displaced Air 0 cuft; Total Gas 134 cuft; Oil — cc; Water — cc; Mud — cc; Sand — cc; CONDENSATE - 250 cc

FORMATION AND LOG DATA: Formation Name —; Porosity 30 %; Source DPHI/NPHI; R_t 20 @ ft; R_w .025 @ ft; R_w Source RWA; R_w Chloride 90,000 ppm; Water Saturation 10 %; Formation Temp. 180 °F

PRESSURE DATA: Hydrostatic 5741 psi; Initial Shut In 3976 psi; Shut In Time .4 mins; Sampling Pressure 3950 psi; Chamber Open 6.55 mins; Final Shut In 3976 psi; Shut In Time 1.0 mins; Sample Chamber 3000 psi

RECOVERY ANALYSIS: Gas — Total Gas 134 cuft; (-) Solution Gas 0 cuft; Free Gas ≈134 cuft. Oil — API° Gravity 53 °@60°F; GOR 85224; Condensate [X]. Water — RRF .284 @ 84 °F; Titrated Cl — ppm; Formation Water 0 %; Chloride [ ]; Resistivity [ ]

MUD FILTRATE DATA: R_{mf} .307 @ 69 °F; Source PRESS; MF Chlorides 11,000 ppm; Titrated [X]

PERMEABILITY ANALYSIS: Draw Down K 2989 md; Build Up K — md; Fluid Viscosity .5 cp; Formation Press 3976 psi; Horner Plot [ ]; (USED DRAW DOWN ON) (SAMPLE CHAMBER)

TOOL DATA: Sample Unit Size 22000 cc; Restrictor(s) YES # 2; Probe Size STD; Filter Type .018; Water Cushion [ ]; Choke Size —; PRE TEST CHAMBER SIZE #1 10 cc, #2 10 cc; Packer Size STD.

RESULTS INDICATE THAT GAS/NO WATER MAY BE EXPECTED AT THIS DEPTH.

REMARKS * GAS METER BROKE AFTER BLEEDING OFF 2 3/4 CHAMBER. PER CUSTOMER REQUEST WE BLEED OF AND FLARED GAS SO AS TO GET BACK IN HOLE FOR NEXT SAMPLE. CALCAULATED APPROX. GAS RECOVERED FROM 2 3/4 READING BASIS.

REPEAT FORMATION TESTER RECOVERY AND INTERPRETATION DATA

TEST DEPTH 8773; Set No 1; Segregated [X]; 2 3/4 GAL.

RECOVERY DATA: Meter Reading 57.7 cuft; (-) Displaced Air 0 cuft; Total Gas 57.7 cuft; Oil — cc; Water — cc; Mud — cc; Sand — cc; CONDENSATE - 100 cc

FORMATION AND LOG DATA: Formation Name —; Porosity 30 %; Source DPHI/NPHI; R_t 20 @ ft; R_w .025 @ ft; R_w Source RWA; R_w Chloride 90,000 ppm; Water Saturation 10 %; Formation Temp. 180 °F

PRESSURE DATA: Hydrostatic 5741 psi; Initial Shut In 3976 psi; Shut In Time .4 mins; Sampling Pressure 3950 psi; Chamber Open 2.65 mins; Final Shut In 3976 psi; Shut In Time 1.0 mins; Sample Chamber 3000 psi

RECOVERY ANALYSIS: Gas — Total Gas 57.7 cuft; (-) Solution Gas 0 cuft; Free Gas 57.7 cuft. Oil — API° Gravity 53 °@60°F; GOR 91743; Condensate [X]. Water — RRF .284 @ 84 °F; Titrated Cl — ppm; Formation Water 0 %; Chloride [ ]; Resistivity [ ]

MUD FILTRATE DATA: R_{mf} .307 @ 69 °F; Source PRESS; MF Chlorides 11,000 ppm; Titrated [X]

PERMEABILITY ANALYSIS: Draw Down K 3131 md; Build Up K — md; Fluid Viscosity .5 cp; Formation Press 3976 psi; Horner Plot [ ]; (USED DRAWDOWN ON) (SAMPLE CHAMBER)

TOOL DATA: Sample Unit Size 9500 cc; Restrictor(s) YES # 2; Probe Size STD.; Filter Type .018; Water Cushion [ ]; Choke Size —; PRE TEST CHAMBER SIZE #1 10 cc, #2 10 cc; Packer Size STD.

RESULTS INDICATE THAT GAS/NO WATER MAY BE EXPECTED AT THIS DEPTH.

REMARKS

REPEAT FORMATION TESTER RECOVERY AND INTERPRETATION DATA

TEST DEPTH 8216.5; Set No 8; Segregated [X]; 6 GAL.

RECOVERY DATA: Meter Reading 2.2 cuft; (-) Displaced Air .7 cuft; Total Gas 1.5 cuft; Oil SCUM cc; Water 20,000 cc; Mud TRACE cc; Sand — cc

FORMATION AND LOG DATA: Formation Name —; Porosity 30 %; Source DPHI/NPHI; R_t .5 @ ft; R_w .025 @ ft; R_w Source RWA; R_w Chloride 95,000 ppm; Water Saturation 70 %; Formation Temp. 170 °F

PRESSURE DATA: Hydrostatic 5378 psi; Initial Shut In 3735 psi; Shut In Time .2 mins; Sampling Pressure 2153 psi; Chamber Open 12.6 mins; Final Shut In 3705 psi; Shut In Time .6 mins; Sample Chamber 2000 psi

RECOVERY ANALYSIS: Gas — Total Gas 1.5 cuft; (-) Solution Gas 2.14 cuft; Free Gas 0 cuft. Oil — API° Gravity — °@60°F; GOR —; Condensate [ ]. Water — RRF .095 @ 80 °F; Titrated Cl 60,000 ppm; Formation Water 58 %; Chloride [X]; Resistivity [ ]

MUD FILTRATE DATA: R_{mf} .307 @ 69 °F; Source PRESS; MF Chlorides 11,000 ppm; Titrated [X]

PERMEABILITY ANALYSIS: Draw Down K 54.8 md; Build Up K — md; Fluid Viscosity .5 cp; Formation Press 3735 psi; Horner Plot [ ]

TOOL DATA: Sample Unit Size 22000 cc; Restrictor(s) YES # 2; Probe Size STD.; Filter Type .018; Water Cushion [ ]; Choke Size —; PRE TEST CHAMBER SIZE #1 10 cc, #2 10 cc; Packer Size STD.

RESULTS INDICATE THAT FORMATION WATER MAY BE EXPECTED AT THIS DEPTH.

REMARKS

REPEAT FORMATION TESTER RECOVERY AND INTERPRETATION DATA

TEST DEPTH 8216.5; Set No 8; Segregated [X]; 2 3/4 GAL.

RECOVERY DATA: Meter Reading 1.2 cuft; (-) Displaced Air .34 cuft; Total Gas .86 cuft; Oil SCUM cc; Water 9500 cc; Mud 0 cc; Sand 0 cc

FORMATION AND LOG DATA: Formation Name —; Porosity 30 %; Source DPHI/NPHI; R_t .5 @ ft; R_w .025 @ ft; R_w Source RWA; R_w Chloride 95,000 ppm; Water Saturation 70 %; Formation Temp. 170 °F

PRESSURE DATA: Hydrostatic 5378 psi; Initial Shut In 3735 psi; Shut In Time .2 mins; Sampling Pressure 2065 psi; Chamber Open 6.45 mins; Final Shut In 3731 psi; Shut In Time .6 mins; Sample Chamber 2000 psi

RECOVERY ANALYSIS: Gas — Total Gas .86 cuft; (-) Solution Gas 1.02 cuft; Free Gas 0 cuft. Oil — API° Gravity — °@60°F; GOR —; Condensate [ ]. Water — RRF .0706 @ 80 °F; Titrated Cl 73,000 ppm; Formation Water 74 %; Chloride [X]; Resistivity [ ]

MUD FILTRATE DATA: R_{mf} .307 @ 69 °F; Source PRESS; MF Chlorides 11,000 ppm; Titrated [X]

PERMEABILITY ANALYSIS: Draw Down K 54.8 md; Build Up K — md; Fluid Viscosity .5 cp; Formation Press 3735 psi; Horner Plot [ ]

TOOL DATA: Sample Unit Size 9500 cc; Restrictor(s) YES # 2; Probe Size STD.; Filter Type .018; Water Cushion [ ]; Choke Size —; PRE TEST CHAMBER SIZE #1 10 cc, #2 10 cc; Packer Size STD.

RESULTS INDICATE THAT FORMATION WATER MAY BE EXPECTED AT THIS DEPTH.

REMARKS

REPEAT FORMATION TESTER RECOVERY AND INTERPRETATION DATA

TEST DEPTH 7308; Set No 9; Segregated [X]; 6 GAL.

RECOVERY DATA: Meter Reading 126.1 cuft; (-) Displaced Air 0 cuft; Total Gas 126.1 cuft; Oil — cc; Water — cc; Mud TRACE cc; Sand — cc; CONDENSATE - 200 cc

FORMATION AND LOG DATA: Formation Name —; Porosity 35 %; Source DPHI/NPHI; R_t 2.3 @ ft; R_w .025 @ ft; R_w Source RWA; R_w Chloride 100,000 ppm; Water Saturation 22 %; Formation Temp. 160 °F

PRESSURE DATA: Hydrostatic 4791 psi; Initial Shut In 3315 psi; Shut In Time .6 mins; Sampling Pressure 3230 psi; Chamber Open 7.0 mins; Final Shut In 3313 psi; Shut In Time 1.0 mins; Sample Chamber 2500 psi

RECOVERY ANALYSIS: Gas — Total Gas 126.1 cuft; (-) Solution Gas 0 cuft; Free Gas 126.1 cuft. Oil — API° Gravity 57; GOR 100,250; Condensate [X]. Water — RRF — @ — °F; Titrated Cl — ppm; Formation Water 0 %; Chloride [ ]; Resistivity [ ]

MUD FILTRATE DATA: R_{mf} .307 @ 69 °F; Source PRESS; MF Chlorides 11,000 ppm; Titrated [X]

PERMEABILITY ANALYSIS: Draw Down K 699 md; Build Up K — md; Fluid Viscosity .5 cp; Formation Press — psi; Horner Plot [ ]; (FROM DRAWDOWN ON) (SAMPLE CHAMBER)

TOOL DATA: Sample Unit Size 22,000 cc; Restrictor(s) YES # 2; Probe Size STD.; Filter Type .018; Water Cushion [ ]; Choke Size —; PRE TEST CHAMBER SIZE #1 10 cc, #2 10 cc; Packer Size STD.

RESULTS INDICATE THAT GAS MAY BE EXPECTED AT THIS DEPTH.

REMARKS

REPEAT FORMATION TESTER RECOVERY AND INTERPRETATION DATA

TEST DEPTH 7308; Set No 9; Segregated [X]; 2 3/4 GAL.

RECOVERY DATA: Meter Reading 55.5 cuft; (-) Displaced Air 0 cuft; Total Gas 55.5 cuft; Oil — cc; Water — cc; Mud — cc; Sand — cc; CONDENSATE - 125 cc

FORMATION AND LOG DATA: Formation Name —; Porosity 35 %; Source DPHI/NPHI; R_t 2.3 @ ft; R_w .025 @ ft; R_w Source RWA; R_w Chloride 100,000 ppm; Water Saturation 22 %; Formation Temp. 160 °F

PRESSURE DATA: Hydrostatic 4791 psi; Initial Shut In 3315 psi; Shut In Time .6 mins; Sampling Pressure 3220 psi; Chamber Open 3.0 mins; Final Shut In 3318 psi; Shut In Time 1.0 mins; Sample Chamber 2500 psi

RECOVERY ANALYSIS: Gas — Total Gas 55.5 cuft; (-) Solution Gas 0 cuft; Free Gas 55.5 cuft. Oil — API° Gravity 57 °@60°F; GOR 70,596; Condensate [X]. Water — RRF — @ — °F; Titrated Cl — ppm; Formation Water 0 %; Chloride [ ]; Resistivity [ ]

MUD FILTRATE DATA: R_{mf} .307 @ 69 °F; Source PRESS; MF Chlorides 11,000 ppm; Titrated [X]

PERMEABILITY ANALYSIS: Draw Down K 769 md; Build Up K — md; Fluid Viscosity .5 cp; Formation Press — psi; Horner Plot [ ]; (FROM DRAWDOWN ON) (SAMPLE CHAMBER)

TOOL DATA: Sample Unit Size 9500 cc; Restrictor(s) YES # 2; Probe Size STD.; Filter Type .018; Water Cushion [ ]; Choke Size —; PRE TEST CHAMBER SIZE #1 10 cc, #2 10 cc; Packer Size STD.

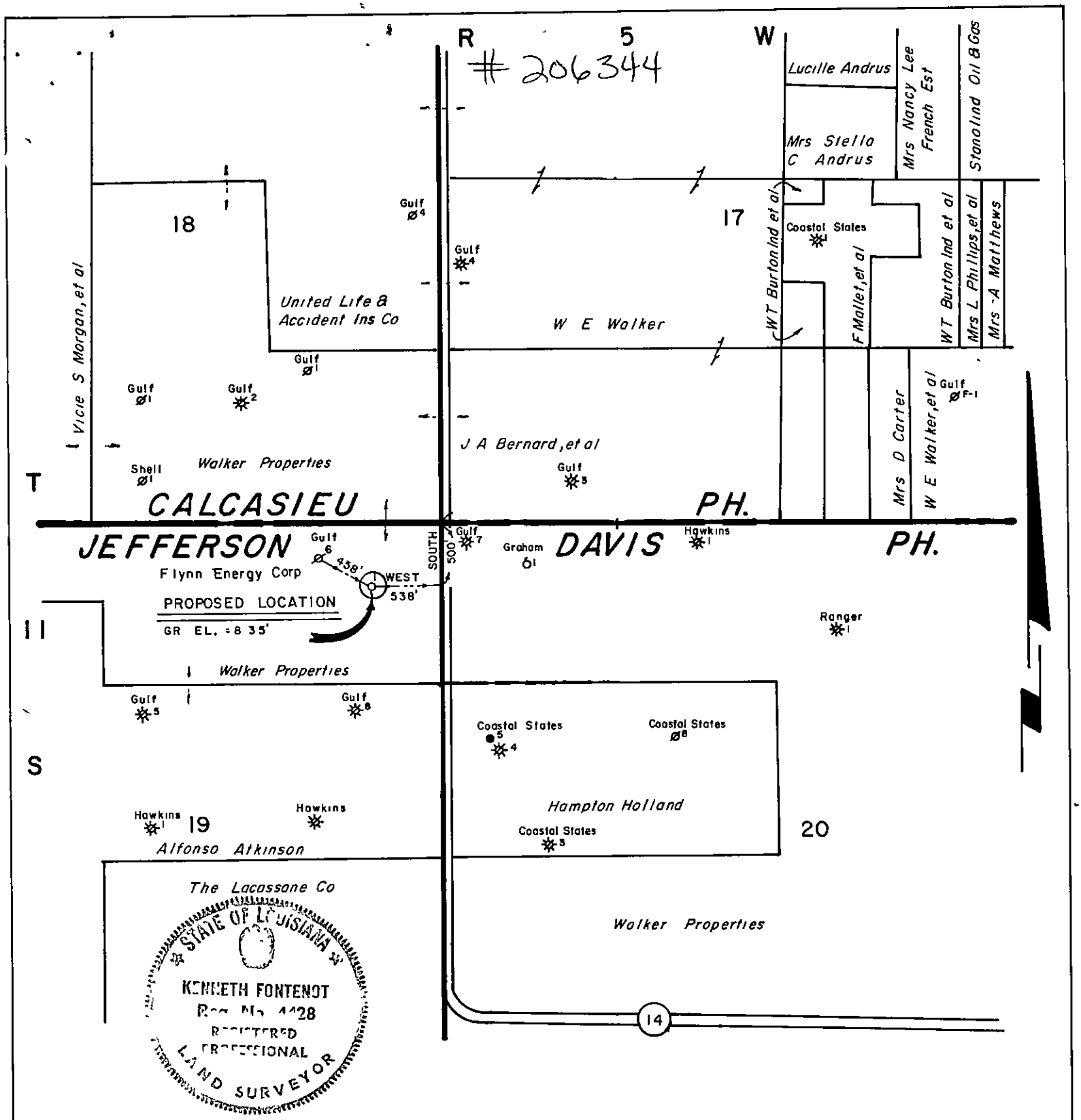
RESULTS INDICATE THAT GAS MAY BE EXPECTED AT THIS DEPTH.

REMARKS

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our General Terms and Conditions as set out in our current Price Schedule.

COMPANY GRAHAM EXPLORATION, LTD.
WELL VUA-HAYES UNIT 1 NO. 1
FIELD HAYES
COUNTY JEFF DAVIS STATE LOUISIANA

Schlumberger
REPEAT FORMATION TESTER



I, Kenneth Fontenot, hereby certify that the loc'n of Flynn Energy Corp's *Walker Properties No 1* is as follows SOUTH 500' and WEST 538' from the Northeast corner of Sec 19, T11 S-R 5 W Jefferson Davis Parish, Louisiana Note No commercial or residential structure within 500' of Proposed Loc'n

Kenneth Fontenot

REGISTERED LAND SURVEYOR NO 4428
STATE OF LOUISIANA
JOHN E CHANCE & ASSOCIATES, INC.

LOUISIANA DEPT. OF CONSERVATION

FLYNN ENERGY CORPORATION

PERMIT PLAT

JEFFERSON DAVIS PARISH, LOUISIANA

SCALE 1" = 1000'

JULY 8, 1987

EDWIN W. EDWARDS
GOVERNOR
B. JIM PORTER
SECRETARY

DEPARTMENT OF NATURAL RESOURCES

OFFICE OF CONSERVATION

HERBERT W. THOMPSON
ASSISTANT SECRETARY
AND
COMMISSIONER

July 10, 1987

FLYNN ENERGY CORPORATION
Attn: Bill Kenny
1605 W. Pinhook Rd., Ste. 201
Lafayette, LA 70508

Gentlemen:

We have processed and forwarded to Baton Rouge for final approval your application to drill the: Walker Properties #1, HAYES, Jefferson Davis.

Statewide Order No. 29-B issued by the Commissioner of Conservation on July 19, 1943 required:

1. No well shall be drilled, nor shall the drilling of a well be commenced, before a permit for such well has been issued by the Office of Conservation.

2. A progress report shall be filed, either written or by telephone, with the district office by TUESDAY of each week. Include rig name & number and rig telephone number on initial report.

3. No well shall commence drilling below surface casing until a sign has been posted on the derrick and subsequently on the well.

4. The completion report must be filed within three (3) days after date of completion. The electrical logs (Composite 1"=100') must be filed in duplicate ten days after the completion of the well. The well history (WH-1) must be filed in triplicate twenty days after the completion of the well on forms provided by this department.

5. IN THE EVENT YOU USE A CONSULTANT OR A DRILLING CONTRACTOR ON A TURNKEY BASIS, PLEASE SEE THAT HE IS FURNISHED A COPY OF THESE INSTRUCTIONS.

6. Contact Joe Durham, Oil & Gas Inspector for the Office of Conservation at telephone (318)824-3837 in Jennings, Louisiana for further information.

Yours very truly,

Gerard LeBlanc, District Manager
Lafayette District

GEL:jcl

cc:

STATE OF LOUISIANA
OFFICE OF CONSERVATION

Inter Office

Date: July 10, 1987

To: Mr. W. J. Clark

From: Mr. Gerard LeBlanc

Attn: Mr. W. J. Clark

Enclosed herewith please find application from FLYNN ENERGY CORPORATION

for permit to drill

their Walker Properties #1, HAYES Field

Jefferson Davis Parish, Louisiana. Zone

Also enclosed please find:

Check No. 004491 in the amount of $ 200.00 (COPY).

X Well location plat

Well location certification

29-B
29-E
590-Series

Form A.D.C.
Electric Log
Schematic diagram
(Dual) structure map if well does not comply with existing Orders
(Selective-Onshore) structure map showing reservoir limits
(Selective-Offshore) letter(s) of no objection from offset operators

Applicable Department of Conservation Order No. _____.

Pending Hearing, Docket No. _____.

Remarks & Recommendations:

Inclinational or directional survey required. Shall comply with Statewide Order 29-E. Shall comply with Order 29-B. Shall comply with 590 series of orders.

By _____
District Manager

GEL:ps
Encls

cc: Geological Oil & Gas Division
Prod. Audit (for Amended Permits only)

LT-1

FORM MD 13 R

WELL FILE COPY

PERMIT TO DRILL FOR MINERALS

STATE OF LOUISIANA
OFFICE OF CONSERVATION

PERMIT $200 00
Multiple Zone Processing

ATT

Send To Lafayette/16 Date July 13, 1987

Serial No Ser#206344 API #1705321017

Parish Jefferson Davis 027 Field Hayes 4439

Operator Flynn Energy Corporation 1798

Address 1605 W. Pinhook Road, Suite 201

City & State Lafayette, LA 70508

Well Name Walker Properties No. 1

Location Sec 19, T11S, R5W
South 500' & West 538' fr NE/C of Sec 19.

PTD 10,500'

Zone or Reservoir of Proposed Completion Miocene

Applicable Office of Conservation Order 29B, 29E, 590 Series

COMMISSIONER

ISSUING AUTHORITY

193894

EDWIN W. EDWARDS
GOVERNOR
B JIM PORTER
SECRETARY

DEPARTMENT OF NATURAL RESOURCES

OFFICE OF CONSERVATION

HERBERT W. THOMPSON
ASSISTANT SECRETARY
AND
COMMISSIONER

JULY 13, 1987

FLYNN ENERGY CORPORATION
1605 W. PINHOOK ROAD
SUITE 201
LAFAYETTE, LA 70508

RE: JEFFERSON DAVIS PARISH
HAYES FIELD
WALKER PROPERTIES NO. 1
SER NO. 206344

GENTLEMEN:

THE ABOVE APPLICATION FOR PERMIT TO DRILL IS BEING ISSUED WITH THE UNDERSTANDING THAT YOU WILL FURNISH THE APPROPRIATE DISTRICT MANAGER WITH INCLINATION AND/OR DIRECTIONAL SURVEY DATA AS PROOF THAT THE WELL HAS BEEN DRILLED IN COMPLIANCE WITH THE PROVISIONS OF THE STATEWIDE ORDER NO. 29-B, SECTION XVIII, DATED MARCH 1, 1967.

IN ADDITION, THIS WELL CANNOT BE COMPLETED IN ANY POOL IN WHICH THE LOCATION DOES NOT CONFORM WITH THE PROVISIONS OF STATEWIDE ORDER NO 29-E, NOR WILL THERE BE A COMPLETION IN ANY SAND WHICH IS NOT IN COMPLIANCE WITH THE PROVISIONS OF OFFICE OF CONSERVATION ORDERS OF THE 590 SERIES.

VERY TRULY YOURS,

HERBERT W. THOMPSON, COMMISSIONER
OFFICE OF CONSERVATION

BY _____

WILLIAM J. CLARK
PETROLEUM ENGINEER SUPERVISOR 1

WJC:SM

CC: GERARD LEBLANC
LAFAYETTE, (ACTING) DIST. MGR.

FORM A D

STATE OF LOUISIANA
OFFICE OF CONSERVATION

REPORT OF PROOF OF APPARENT DEVIATION

SERIAL NO 206344

OPERATOR Flynn Energy Corp. DISTRICT Lake Charles

FIELD Hayes PARISH Jefferson Davis

WELL NAME & NO Walker Properties No. 1 SEC 019 T 11S R 05W

Degrees Deviation	Deviation Factor
¼	.00436
½	.00873
¾	.01309
1	.01745
1¼	02182
1½	02618
1¾	03054
2	.03490
2¼	.03926
2½	04362
2¾	.04798
3	.05234
3¼	05669
3½	06105
3¾	.06540
4	06976
4¼	.07411
4½	.07846
4¾	.08281
5	08716
5¼	.09150
5½	.09585
5¾	.10019
6	.10453
6¼	.10887
6½	11320
6¾	.11754
7	12187
7¼	12620
7½	.13053
7¾	.13485
8	13917
8¼	.14349
8½	.14781
8¾	.15212
9	.15643
9¼	.16074
9½	.16505
9¾	.16935
10	17365

DEGREES DEVIATION	DEPTH FROM SURFACE	LENGTH OF INTERVAL	DEVIATION FACTOR	DEVIATION OF INTERVAL	CUMULATIVE APPARENT DEVIATION	REMARKS
¼°	502'	502'	.00436	2.1887	2.1887	
¼°	1036'	534'	.00436	2.3282	4.5169	
¼°	1509'	473'	.00436	2.0623	6.5792	
3/4°	2011'	502'	.01309	6.5712	13.1504	
½°	2515'	504'	.00873	4.3999	17.5503	
3/4°	2985'	470'	.01309	6.1523	23.7026	
3/4°	3487'	502'	.01309	6.5712	30.2738	
3/4°	4016'	529'	.01309	6.9246	37.1984	
½°	4518'	502'	.00873	4.3825	41.5809	
½°	5010'	492'	.00873	4.2952	45.8761	
½°	5514'	504'	.00873	4.3999	50.2760	
1°	6010'	496'	.01745	8.6552	58.9312	
2¼°	6497'	487'	.03926	19.1196	78.0508	
2°	6780'	283'	.03490	9.8767	87.9275	
1½°	7504'	724'	.02618	18.9543	106.8818	
1¼°	8027'	523'	.02182	11.4119	118.2937	
1-3/4°	8560'	533'	.03054	16.2778	134.5715	
1-3/4°	9244'	684'	.03054	20.8894	155.4609	
3-3/4°	9625'	381'	.06540	24.9174	180.3783	

Certified as Being True & Correct by Monica S. Boutte MSB Title Secretary Date 8/5/87

THREE (3) SIGNED COPIES OF THIS REPORT SHOULD BE SUBMITTED WITH FORM WH ON ALL WELLS, EXCEPT AS NOTED ON THE REVERSE SIDE.

SEE INSTRUCTIONS ON REVERSE SIDE

INSTRUCTIONS

This report shall be typewritten only and filed in triplicate as an attachment to the Well History and Work Resume Report (Form WH).

The tabulation, set apart in the blocked section on the left is for easy reference, and the three blank columns located between the double lines are for convenience in calculations. All blank columns should be completed so that all work may be easily checked.

In the first two columns record the Degrees Deviation and the Depth from Surface at which such deviation was recorded.

The Length of Interval for any particular Depth from Surface is obtained by subtracting the previous Depth from Surface from that particular point The only exception being the first Length of Interval which is equal to its Depth from Surface.

The Deviation Factor may be obtained from the tabulation on the left. Multiply the Length of Interval by the respective Deviation Factor to obtain the Deviation of Interval.

Cumulative Apparent Deviation is a running summation of Deviation of Interval values and the final figure in the Cumulative Apparent Deviation Column should be equal to the sum of all the individual Deviation of Interval figures and will be the apparent resultant lateral deviation of the hole at Total Depth

RECEIVED

If a Directional Survey determining the bottom of the hole is filed with the Commissioner of Conservation upon completion of the well, it shall not be necessary to furnish the Inclination Survey data

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO: 206344

PRODUCING INTERVAL: 7954-7957'

RESERVOIR (COMPANY SAND IDENTIFICATION): Siphonina 2

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion: NOTE: If not properly completed and signed this report will be returned

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES
- [X] NEW WELL
- [ ] RECOMPLETION
- [ ] P & A

- [ ] 31 INACTIVE DRY HOLE FUT UTIL
- [ ] 32 INACTIVE DRY HOLE NO FUT UTIL
- [ ] 36 INACTIVE WAITING ON PIPELINE
- [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT
- [ ] OIL
- [X] GAS
- [ ] OTHER

IF RECOMPLETION
- [ ] SAME RESERVOIR
- [ ] DIFFERENT RESERVOIR

DATE COMP, RECOMP, OR P & A (M D Y): 08/23/87

OPERATOR: Flynn Energy Corp.

CODE: 1798

ADDRESS: 1605 W. Pinhook Road, Suite 201, Lafayette, LA 70508

WELL NAME: Walker Properties

WELL NO: 001

PARISH: Jefferson Davis

SEC: 019 TWP: 11S RGE: 05W

DATE PERMIT ISSUED: 07/13/87

DATE SPUDDED (M D Y): 07/15/87

DATE READY TO PRODUCE*: 08/23/87

TOTAL DEPTH: 10474'

PBTD: 8232'

GROUND ELEVATION: 8.35'

CASING HEAD FLANGE ELEVATION:

DISTANCE FROM RKB TO CHF:

DATE WELL TURNED INTO TANKS:

SINGLE, DUAL OR TRIPLE COMPLETION?: Single

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?: No

WAS DIRECTIONAL SURVEY MADE?: No-Inclination survey

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?: Yes

DATE FILED: 9/8/87

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION): Triple Combo, RFT, CET, GR-N

DATE FILED: 9/8/87

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101	14"	Driven		0'	95'					
102	9-5/8"	12¼"	47#	0'	2995'	1175	1000	½	06/18/87	Russel Olivier
103	5½"	8½"	20#	0'	8313'	1792	3000	½	08/18/87	Russel Olivier
104										
105										

TUBING SIZE: 2-3/8" DEPTH OF TUBING: 7811' DEPTH OF PACKER(S): 7811'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: BOPD

GAS VOLUME: MCF/DAY

GOR: CF/BBL

CHOKE SIZE: /64"

PRODUCING METHOD:

FLOWING TUBING PRESSURE: psig

SHUT-IN TUBING PRESSURE: psig

CASING PRESSURE:

WATER PRODUCTION: BPD

BS&W: %

GRAVITY: °API@60° F

BHP (SHUT-IN): psig

COMPANY REPRESENTATIVE:

DATE GAUGED:

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state That I am employed by Flynn Energy Corp. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge

Signature: [signature] Title: Secretary

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc; the well has been shut-in

FORM WH-1 (1 78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L2934,1987	08/17/87 through 08/23/87	C&S Well Svc. Schlumberger Halliburton	Cleaned out well to 8232'. Perforated for block squeeze from 7965-7969', 4 spf. Squeezed with 200 sacks of cement. Perforated for block squeeze from 7946-7948', 4 spf. Squeezed with 150 sacks of cement. Perforated for production from 7954-7957', 4 spf.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms

FORMATION	DEPTH	FORMATION	DEPTH

RECEIVED
SEP 16 1987
DEPT. OF CONSERVATION
LAFAYETTE, LOUISIANA

SEP 16 1987
DEPT. OF CONSERVATION
WELL FILES
BATON ROUGE, LA.

PERMIT SECTION

STATE OF LOUISIANA
OFFICE OF CONSERVATION

29-E COMPLIANCE	YES	NO	
29-E UNIT ATTACHED	YES	NO	

O C USE ONLY

WELL COMPLETION OR RECOMPLETION REPORT

DISTRICT Lake Charles

CODE NUMBERS:

DATE 9/21/87

[1] 1 - ON-SHORE 3 OFF-SHORE

027 PARISH Jefferson Davis SEC 019 T 11S R 05W

4439 FIELD Hayes OC ORDER NO

1798 OPERATOR Flynn Energy Corporation

206344 WELL NAME Walker Properties NO 1 SERIAL NO 206344

RESERVOIR Siphonina 2 9/18/87 COMPLETION DATE 4:30 TIME [ ] AM [X] PM

IMPORTANT. IS A FORM MD-10 R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES [ ] NO [X]

REMARKS:

COMPLETION DATA:

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
[1] 1 - ORIG COMP 2 - RE COMP	[2] 1 - OIL 2 GAS 3 - DRY GAS	[ ] 1 YES 2 - NO	[F] F - FLOWING GL GAS LIFT P - PUMPING	[1 0] SEE REVERSE SIDE FOR CODE

* IF THIS IS A RE COMPLETION SPECIFY: SAME RESERVOIR [ ] DIFFERENT RESERVOIR [ ]

INITIAL PROD	GAS VOLUME	FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE
13 BOPD	800 MCF/DAY	2850 PSIG	2950 PSIG	-0- PSIG

CHOKE SIZE		WATER PROD	BS & W	GOR	GRAVITY
9 /64"	[2] 1 POSITIVE 2 ADJUST	1.67 BPD	11.4 %	61538 CF/BBL	API AT 60° F

PERFORATIONS 7954-7957' TOTAL DEPTH 10474'

CLEARANCE & CERTIFICATION.

ADDITIONAL CLEARANCE IS REQUESTED FOR 58.36 BBLS OF OIL PRODUCED ON DRILL STEM OR OTHER PRODUCTION TEST: (SEE SECTION X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE)

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

Norman H. Foutte
SIGNATURE

Flynn Energy Corp.
OPERATOR

Secretary
TITLE

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITHIN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1)

FORM COMP (REV 1 70)

PRODUCT SECTION

OFFICE OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

> All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

TEST DATA

Date of Test	Time of Test	Amount of Oil Produced
09/18/87	4:30 PM. to 6:30 AM.	8.33 Barrels
09/19/87	6:30 AM. to 6:30 AM.	13.36 Barrels
09/20/87	6:30 AM. to 6:30 AM.	10 Barrels
09/21/87	6:30 AM. to 6:30 AM.	11.67 Barrels
09/22/87	6:30 AM. to 6:30 AM.	15 Barrels
	TOTAL	58.36 BARRELS

The above total barrels of oil were produced from 7954 Ft. to 7957 Ft.

Remarks:

RECEIVED
SEP 28 1987
DEPT. OF CONSERVATION
WELL FILES
BATON ROUGE, LA

Flynn Energy Corp.

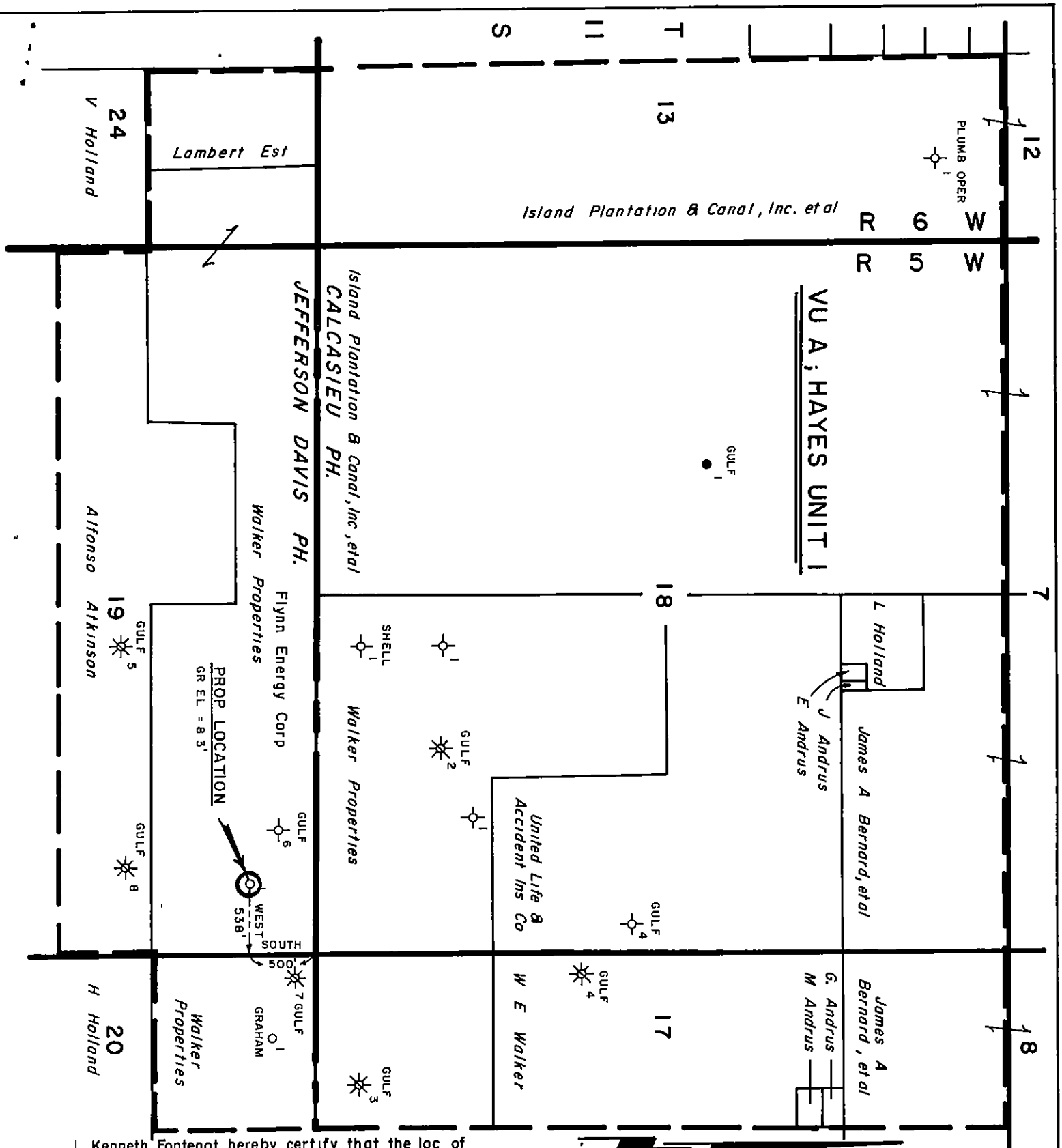
OPERATOR

(Signed) OPERATOR REPRESENTATIVE

CODES TO USE IN REPORTING STATUS OF WELL

10 Active
33 Inactive-Future Utility (does not include waiting on pipeline or market)
36 Inactive waiting on pipeline
37 Inactive waiting on market

RECEIVED
SEP 24 1987
DEPT OF CONSERVATION
LAFAYETTE, LOUISIANA



I, Kenneth Fontenot, hereby certify that the loc of Flynn Energy Corp's *VU A, HAYES UNIT I NO I* is as follows SOUTH 500' and WEST 538' from the Northeast corner of Sec 19, T 11 S - R 5 W Jefferson Davis Parish, Louisiana No commercial or residential structure within 500' of Prop Location.

Kenneth Fontenot

KENNETH FONTENOT
Reg. No. 4428
REGISTERED PROFESSIONAL LAND SURVEYOR
STATE OF LOUISIANA

REGISTERED LAND SURVEYOR NO 4428

STATE OF LOUISIANA

JOHN E CHANCE & ASSOCIATES, INC

LOUISIANA DEPT. OF CONSERVATION

FLYNN ENERGY CORPORATION

PERMIT PLAT

JEFFERSON DAVIS PARISH, LOUISIANA

SCALE 1" = 1000'

DEC 14, 1987

State of Louisiana

EDWIN W. EDWARDS
GOVERNOR
B JIM PORTER
SECRETARY

DEPARTMENT OF NATURAL RESOURCES

OFFICE OF CONSERVATION

HERBERT W. THOMPSON
ASSISTANT SECRETARY
AND
COMMISSIONER

Date December 29, 1987

590 Davis
29E

Office of Conservation
Attn: Mr. W. J. Clark
P.O. Box 94275 Capitol Station
Baton Rouge, La. 70804-9275

Dear Mr. Clark:

Enclosed herewith please find application from

FLYNN ENERGY CORPORATION for permit to amend their

well name from Walker Properties No. 001 to

VUA; Hayes Unit 1 No. 001, Serial # 206344,

Field Hayes, Parish Jefferson Davis.

005215 Check No forwarded under separate cover to the accounting section in Baton Rouge, La. A copy of this check is attached.

9/18/87 The effective date of this change.

GAS The Product of this well.

X A Copy of location plat is attached.

_____ No fee required for this change. Change being made per Office of Conservation Order # (Voluntary Agreement already on file.)

Yours very truly,

GE LeBlanc-RdH

Gerard E. LeBlanc, Manager
Lafayette District

GEL/hyr

Encls.

CC: Audit Section
Baton Rouge, La.

P O BOX 51285 OIL CENTER STATION LAFAYETTE, LA 70505 PHONE 318 / 235-1581

DEPT OF CONSERVATION USE ONLY

XXXX [1] Change

8709 Effective
yymm

AMENDMENT ACTION

- 0,0,9, [1] PARISH
- 0,3,4, [2] FIELD
- 0,3,5, [3] OPERATOR
- XXXX [4] LSE-UN
- 0,1,6, [5] UN-LSE
- 0,1,6, [6] LSE-LSE
- 0,1,6, [7] UN-UN
- 0,1,4, [8] WELL NO
- 5,2,1, [9] LOCATION

FORM MD-15 R
(R 2-1976)

AMENDED PERMIT TO DRILL FOR MINERALS

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION

Amended Permit $75 00

206344 Serial No L Date January 12, 1988

CURRENT CODES

027 PARISH Jefferson Davis
4439 FIELD Hayes
1798 OPERATOR Flynn Energy Corporation
ADDRESS 1605 W. Pinhook Rd., Ste. 201
CITY & STATE Lafayette, LA 70508

FORMER CODES

206344 WELL NAME VUA;Hayes U1* No 1

LOCATION OF WELL Sec 19 T 11S R 5W Former Well No

*Walker Properties

Applicable Department of Conservation Order 29B, E 590 Series

Herbert W Thompson
Commissioner

Issuing Authority

WELL FILE COPY

No. 109025 A

State of Louisiana

EDWIN W EDWARDS
GOVERNOR
B. JIM PORTER
SECRETARY

DEPARTMENT OF NATURAL RESOURCES

OFFICE OF CONSERVATION

January 12, 1988

HERBERT W THOMPSON
ASSISTANT SECRETARY
AND
COMMISSIONER

RE: Jefferson Davis Parish
Hayes Field
VUA;Hayes Ul #1
Ser. No. 206344

Flynn Energy Corporation
1605 W. Pinhook Rd., Ste. 201
Lafayette, LA 70508

Gentlemen:

We are issuing Amended Permit to Drill for the above referenced well with the understanding that completion cannot be in any pool in which the location does not conform with the provisions of Statewide Order No. 29-E.

No allowable will be assigned this well unless in compliance with the above provisions.

The above application for Amended Permit to Drill is approved with the understanding there will be no completion in any reservoir which is not in compliance with the provisions of the Louisiana Office of Conservation Orders of the 590 Series, for the above captioned field and parish.

Very truly yours,

HEBERT W. THOMPSON, COMMISSIONER
OFFICE OF CONSERVATION

BY
W.J. CLARK
Petr. Engineer Supervisor I

WJC:de

cc: Mr. Gerard LeBlanc
Lafayette Acting District Manager

29E, & Special Order

29-E COMPLIANCE	YES	NO
29-E UNIT ATTACHED	YES	NO

O C USE ONLY

STATE OF LOUISIANA
OFFICE OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

DISTRICT Lake Charles

CODE NUMBERS		
027	PARISH	Jefferson Davis
4439	FIELD	Hayes
1798	OPERATOR	Flynn Energy Corporation
206344	WELL NAME	VUA;Hayes U1
	RESERVOIR	Robulus 4

DATE 3/25/88

1 - ON SHORE
3 - OFF-SHORE: 1

SEC 019 T 11S R 05W

OC ORDER NO

NO 001 SERIAL NO 206344

3/20/88 COMPLETION DATE

11:40 TIME AM: X PM:

IMPORTANT: IS A FORM MD-10 R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES [ ] NO [X]

REMARKS. Has been previously filed.

COMPLETION DATA:

TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
2 (1 - ORIG COMP, 2 - RE-COMP)	2 (1 - OIL, 2 - GAS, 3 DRY GAS)	2 (1 - YES, 2 - NO)	F (F - FLOWING, GL GAS LIFT, P - PUMPING)	1 0 (SEE REVERSE SIDE FOR CODE)

IF THIS IS A RE-COMPLETION SPECIFY: SAME RESERVOIR [ ] DIFFERENT RESERVOIR [X]

INITIAL PROD	GAS VOLUME	FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE
27 BOPD	1050 MCF/DAY	2550 PSIG	– PSIG	350 PSIG

CHOKE SIZE	WATER PROD	BS & W	GOR	GRAVITY
9 /64" (2 - 1 POSITIVE, 2 - ADJUST)	– BPD	– %	38889 CF/BBL	API AT 60° F

PERFORATIONS 7350-7354' TOTAL DEPTH 10474'

CLEARANCE & CERTIFICATION.

ADDITIONAL CLEARANCE IS REQUESTED FOR _____ BBLS OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST: (SEE SECTION X PARAGRAPH B OF ORDER 29 B ON REVERSE SIDE)

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

SIGNATURE

Flynn Energy Corp.
OPERATOR

Secretary
TITLE

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITH IN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1)

FORM COMP (REV 1 76)

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO: 206344

PRODUCING INTERVAL: 7350-7354'

RESERVOIR (COMPANY SAND IDENTIFICATION): Robulus 4

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES: [ ] NEW WELL [X] RECOMPLETION [ ] P & A

[ ] 31 INACTIVE DRY HOLE FUT UTIL
[ ] 32 INACTIVE DRY HOLE NO FUT UTIL
[ ] 36 INACTIVE WAITING ON PIPELINE
[ ] 37 INACTIVE WAITING ON MARKET

PRODUCT: [ ] OIL [X] GAS [ ] OTHER

IF RECOMPLETION: [ ] SAME RESERVOIR [X] DIFFERENT RESERVOIR

DATE COMP, RECOMP, OR P & A (M D Y): 30/20/88

OPERATOR: Flynn Energy Corp.

CODE: 1798

ADDRESS: 1605 W. Pinhook Road, Suite 201, Lafayette, LA 70508

WELL NO: 001

WELL NAME: VUA;Hayes U1

DATE PERMIT ISSUED: 3/22/88

PARISH: Jefferson Davis

SEC 019 TWP 11S RGE 05W

PBTD: 7850'

DATE SPUDDED (M D Y): WO 03/11/88

DATE READY TO PRODUCE*: 3/20/88

TOTAL DEPTH: 10474'

DISTANCE FROM RKB TO CHF:

GROUND ELEVATION: 8.35'

CASING HEAD FLANGE ELEVATION:

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

DATE WELL TURNED INTO TANKS: 3/20/88

SINGLE, DUAL OR TRIPLE COMPLETION?: Single

WAS WELL DIRECTIONALLY DRILLED?: No

WAS DIRECTIONAL SURVEY MADE?: No-Inclination Survey

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?: Yes

DATE FILED: 9/8/87

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION): -

DATE FILED:

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101	14"	Driven		0'	95'					
102	9-5/8"	12¼"	47#	0'	2995'	1175	1000	½	07/18/87	Russel Olivier
103	5½"	8½"	20#	0'	8313'	1792	3000	½	08/18/87	Russel Olivier
104										
105										

TUBING SIZE: 2-3/8"

DEPTH OF TUBING: 7093'

DEPTH OF PACKER(S): 7093'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: 27 BOPD

GAS VOLUME: 1050 MCF/DAY

GOR: 38889 CF/BBL

CHOKE SIZE: 9/64"

PRODUCING METHOD: FL

FLOWING TUBING PRESSURE: 2550 psig

SHUT-IN TUBING PRESSURE: - psig

CASING PRESSURE: 350

WATER PRODUCTION: - BPD

BS&W: - %

GRAVITY: °API@60° F

BHP (SHUT-IN): 3410 psig

COMPANY REPRESENTATIVE: Wayne Landry

DATE GAUGED: 03/22/88

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state That I am employed by Flynn Energy Corp. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge

Signature: [signature] Title: Secretary

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc; the well has been shut-in

FORM WH 1 (1 78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L688,88	03/11/88 through 03/20/88	C & S Well Service, Perforating Guns, Inc. & Dowell Schlum.	Pulled tubing and packer. Set bridge plug at 7850'. Perforated for bottom block squeeze from 7360-7364'. Attempted to squeeze; unsuccessful. Set another cast iron bridge plug at 7860'. Dumped 10' of cement on top. Squeezed perforations with 110 sacks of cement. Drilled cement. Perforated for top block squeeze from 7416-7422'. Drilled through cement. Squeezed with 150 sacks of cement. Ran tubing and packer. Set packer at 7093'. Perforated for production from 7350-7354'.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms

FORMATION	DEPTH	FORMATION	DEPTH

RECEIVED
MAR 31 1988
DEPT. OF CONSERVATION
WELL FILES
BATON ROUGE, LA

DEPT. OF CONSERVATION
LAFAYETTE, LOUISIANA

29-E COMPLIANCE	YES	NO
29-E UNIT ATTACHED	YES	NO

D O C USE ONLY

STATE OF LOUISIANA
OFFICE OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

DISTRICT Lake Charles

CODE NUMBERS:

DATE June 13, 1988

1 - ON-SHORE
3 - OFF-SHORE

027 — PARISH Jefferson Davis — SEC 019 T 11S R 05W

4439 — FIELD Hayes — DOC ORDER NO

1798 — OPERATOR Flynn Energy Corporation

206344 — WELL NAME VUA; Hayes U1 — NO 001 — SERIAL NO 206344

RESERVOIR Basal Cristellaria — 5/10/88 COMPLETION DATE — 12:45 TIME — AM [ ] PM [X]

IMPORTANT — IS A FORM MD-10-R A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN — YES [ ] NO [X]

REMARKS Has been previously filed.

COMPLETION DATA

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
[2] 1 - ORIG COMP 2 - RE COMP	[2] 1 - OIL 2 - GAS 3 - DRY GAS	[2] 1 - YES 2 - NO	[F] F - FLOWING GL - GAS LIFT P - PUMPING	[1] [0] SEE REVERSE SIDE FOR CODE

* IF THIS IS A RE COMPLETION SPECIFY. SAME RESERVOIR [ ] DIFFERENT RESERVOIR [X]

INITIAL PROD	GAS VOLUME	FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE
100 BOPD	300 MCF/DAY	1100 PSIG	– PSIG	0 PSIG

CHOKE SIZE		WATER PROD	BS & W	GOR	GRAVITY
8 /64"	[2] 1 - POSITIVE 2 ADJUST	0 BPD	– %	3000 CF/BBL	47.3 API AT 60° F

PERFORATIONS 7646–7650 — TOTAL DEPTH 10474'

CLEARANCE & CERTIFICATION

ADDITIONAL CLEARANCE IS REQUESTED FOR _____ BBLS OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST- (SEE SECTION X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE)

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

Monica L. Poitte
SIGNATURE

Flynn Energy Corp.
OPERATOR

Secretary
TITLE

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITHIN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29 B, SECTION X, PARAGRAPH A, ARTICLE 1)

FORM COMP (REV 1 78)

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

● SERIAL NO: 206344

PRODUCING INTERVAL: 7646-7650'

RESERVOIR (COMPANY SAND IDENTIFICATION): Basal Cristellaria

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion: NOTE: If not properly completed and signed this report will be returned

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES
- [ ] NEW WELL
- [X] RECOMPLETION
- [ ] P & A

● [ ] 31 INACTIVE DRY HOLE FUT UTIL
- [ ] 32 INACTIVE DRY HOLE NO FUT UTIL
- [ ] 36 INACTIVE WAITING ON PIPELINE
- [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT
- [ ] OIL
- [X] GAS
- [ ] OTHER

IF RECOMPLETION
- [ ] SAME RESERVOIR
- [X] DIFFERENT RESERVOIR

● DATE COMP RECOMP OR P & A (M D Y): 5/10/88

OPERATOR: Flynn Energy Corp.

● CODE: 1798

ADDRESS: 1605 W. Pinhook Road, Suite 201, Lafayette, LA 70508

WELL NAME: VUA; Hayes Ul

WELL NO: 001

PARISH: Jefferson Davis

SEC 019 TWP 11S RGE 05W

DATE PERMIT ISSUED: 05/04/88

● DATE SPUDDED (M D Y): 4/27/88

DATE READY TO PRODUCE*: 5/10/88

TOTAL DEPTH: 10474'

PBTD: 7850'

GROUND ELEVATION: 8.35'

CASING HEAD FLANGE ELEVATION:

DISTANCE FROM RKB TO CHF:

DATE WELL TURNED INTO TANKS: 5/10/88

SINGLE, DUAL OR TRIPLE COMPLETION? Single

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED? No

WAS DIRECTIONAL SURVEY MADE? No-Inclination Survey

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION? Yes

DATE FILED: 9/8/87

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION): -

DATE FILED:

CASING, LINER AND TUBING RECORD

●	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101	14"	Driven		0'	95'					
102	9-5/8"	12¼"	47#	0'	2995'	1175	1000	½	07/18/87	Russel Olivier
103	5½"	8½"	20#	0'	8313'	1792	3000	½	08/18/87	Russel Olivier
104										
105										

● TUBING SIZE: 2-3/8" ● DEPTH OF TUBING: 7093' ● DEPTH OF PACKER(S): 7093'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	GOR	CHOKE SIZE	PRODUCING METHOD
100 BOPD	300 MCF/DAY	3000 CF/BBL	8 /64"	Fl

FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE	WATER PRODUCTION	BS&W
1100 psig	- psig	0	- BPD	- %

GRAVITY	BHP (SHUT-IN)	COMPANY REPRESENTATIVE	DATE GAUGED
47.3 °API@60° F	2903 (estimated) psig	Wayne Landry	5/12/88

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state: That I am employed by Flynn Energy Corp and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge

Signature: [signature] Title: Secretary

* Date well is equipped to produce, but due to no available market, no pipe line connection, etc; the well has been shut-in

FORM WH 1 (1 78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L1001-88	4/27/88 through 5/10/88	Grosse Tete Well Service, Dowell Schlumberger, Perforating Guns, Inc.	Squeezed perforations 7350-7354' with 150 sacks Class H cement. Drilled through cement. Perforated from 7350-7354'. Swabbed well; no flow. Squeezed perforations 7350-7354' with 100 sacks Class H cement. Drilled through cement. Perforated for block squeeze from 7658-7664', 4 shots per foot. Squeezed with 100 sacks Class H cement. Drilled through cement. Perforated for block squeeze from 7636-7640'. Squeezed with 100 sacks Class H cement. Drilled through cement. Perforated well for production from 7646-7650'.

RECEIVED
JUN 17 1988
DEPT. OF CONSERVATION
LAFAYETTE, LOUISIANA

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms

FORMATION	DEPTH	FORMATION	DEPTH

RECEIVED
JUN 22 1988
DEPT. OF CONSERVATION
WELL FILES
BATON ROUGE, LA.

PERMIT SECTION

STATE OF LOUISIANA
OFFICE OF CONSERVATION
LOUISIANA STATE POTENTIAL REPORT

District: LAFAYETTE
Field: HAYES
Parish: JEFF DAVIS
Operator: FLYNN ENERGY — Code: 1798 (7)
Sec: 19 TWP. 11S RGE. 5W Test Date: 6 / 20 / 88 (12 Mo / Day / Yr)

INPUT TYPE: 2 (11)
1 - OC Only
2 - Original
3 - Correction

TYPE OF WELL (18): 2 — 1-OIL, 2-GAS

TYPE OF TEST (19): 2 — 1-COMPLETION, 2-RECOMPLETION, 3-RETEST

PRODUCING METHOD (20): F — F-FLOWING, P-PUMPING, G-GASLIFT

WELL SERIAL NO	WELL NAME	WELL NO	NAME OF RESERVOIR
206344	U.A. HAYES	1	BASAL CRISTELLINIA

27

TOTAL DEPTH	PERFORATED INTERVAL FROM	PERFORATED INTERVAL TO	CHOKE /64"	OIL BBLS/DAY	COND BBLS/DAY	GAS MCF/DAY	GAS/OIL RATIO CF/BBL
10 474	7350	7354	8	~~100~~	~~100~~ 100	300	3,000 / 1

33 38 43 48 51 57 63 69

API GRAV @60°F	WATER BBLS/DAY	BS&W %	FLOWING PRES (PSIG)	CASING PRES (PSIG)	DATE OF COMPLETION MO	DAY	YR
47.3	—	—	1100	—	5	8	88

76 80 86 89 95 101 ON LINE

CLOSE TANK/METER GAUGE 15' 8" @ 11:30 TIME
OPEN TANK/METER GAUGE 15' 1/2" @ 8:30 TIME
DIFFERENCE 7 1/2 in 3 hrs HOURS
TANK/METER NO _____ TANK COEF _____

STATIC PRES. 875 DIFFERENTIAL PRES 24 LINE SIZE 3
PLATE SIZE .750 COEFFICIENT _____ METER SPRING & DIFF. RANGE 1500 X 100
REMARKS _____

WITNESSED BY [signature] GAUGED BY [signature]
TITLE _____ TITLE Prod. Mgr.

SDM2 (1-78)

PERMIT SECTION

STATE OF LOUISIANA
OFFICE OF CONSERVATION
LOUISIANA STATE POTENTIAL REPORT

formerly gas

District LAFAYETTE
Field HAYES
Parish JEFF DAVIS
Operator FLYNN ENERGY Code
Sec 19 TWP. 11S RGE. SW Test Date 4 / 25 / 89
12 Mo Day Yr.

INPUT TYPE
1 - OC Only
2 - Original
3 - Correction
[2] 11

TYPE OF WELL
[1] 1-OIL 2-GAS
18

TYPE OF TEST
[2] 1-COMPLETION 2-RECOMPLETION 3-RETEST
19

PRODUCING METHOD
[F] F-FLOWING P-PUMPING G-GASLIFT
20

WELL SERIAL NO	WELL NAME	WELL NO.	NAME OF RESERVOIR
206344	VUA. Hayes U1 ~~Walker Prop~~	1	BASAL-CRISTELLATIA

27

TOTAL DEPTH	PERFORATED INTERVAL FROM	TO	CHOKE /64"	OIL BBLS/DAY	COND BBLS/DAY	GAS MCF/DAY	GAS/OIL RATIO CF/BBL
10474	7646	7650	7.5	100	—	10, MCF	—

33 38 43 48 51 57 63 69

API GRAV @60° F	WATER BBLS/DAY	BS&W %	FLOWING PRES (PSIG)	CASING PRES (PSIG)	DATE OF COMPLETION MO	DAY	YR.
48.	100	50%	565	0	4	1	89

76 80 86 89 95 101 on line

CLOSE TANK/~~METER~~ GAUGE 19' 4" @ 7 AM TIME
OPEN TANK/~~METER~~ GAUGE 14' 4" @ 7 AM TIME
DIFFERENCE 5' 0" in 24 HOURS
TANK/~~METER~~ NO TANK COEF 1.67

STATIC PRES DIFFERENTIAL PRES LINE SIZE
PLATE SIZE COEFFICIENT METER SPRING & DIFF RANGE
REMARKS The 10 mcf of gas is going to flar tank - schlock picks up oil

WITNESSED BY [signature] GAUGED BY [signature]
TITLE TITLE Pumper

SDM2 (1-78)

State of Louisiana

DEPARTMENT OF NATURAL RESOURCES

BUDDY ROEMER
GOVERNOR

RAYMOND W. STEPHENS, JR
SECRETARY

July 20, 1989

Flynn Energy Corporation
2431 E. 61st Street, Ste. 150
Tulsa, OK 74136

ATTN: Donald M. Saunders

RE: WELL VUA;HAYES U1
SERIAL 206344 WELL NO 001
FIELD HAYES
PARISH JEFFERSON DAVIS SEC/TWN/RNG 019/11S/05W
APPL NO 007494
FOR Annular Disposal

Gentlemen:

This Office has reviewed the Radioactive Tracer Survey run on the above referenced well.

We find the survey demonstrates well integrity and hereby give temporary approval for annular injection. Only water produced from this well may be injected into the annulus of this well. No injection of water produced elsewhere is allowed. The Office of Conservation must be contacted 30 days in advance of the expiration date, which is one year (July 20, 1990) from the date of this letter, to obtain approval for continued disposal.

The Maximum Authorized Surface Injection Pressure (MASIP) is limited to 540 psi. This pressure must be posted in the field office or be readily available to any field personnel operating this well and must be shown to a Conservation Agent upon inspection if requested.

Attached are the reporting requirements relating to the above well.

Sincerely,

J. PATRICK BATCHELOR, COMMISSIONER
Office Of Conservation

James H. Welsh, Director
Injection And Mining Division

ANNULAR DISPOSAL REPORTING REQUIREMENTS

A reasonable estimate of the amount of salt water injected annually into the disposal well must be reported to the Injection and Mining Division at the address below and a copy sent to the appropriate Conservation District Office. This report is to be filed on Form UIC-10 during the first quarter of the next calendar year.

Office of Conservation
Injection & Mining Division
P.O. Box 94275
Baton Rouge, LA 70804-9275

CHALMERS & COLLINS, INC.

CHECK № 1139

DATE	DESCRIPTION	AMOUNT	DEDUCTION	NET AMOUNT
09/07 Inv No.	Chg of Opr.			100.00
09/07 Inv No.	Coda Energy			0.00

CHECK DATE	CONTROL NUMBER		
9/7/90	1139	TOTALS ▶ Office of Conservation	100 00

L000599

CHALMERS & COLLINS, INC.
P O BOX 52287
1030 E ST MARY BUILDING 3
LAFAYETTE, LOUISIANA 70505
PHONE 237-2923

PREMIER BANK
LAFAYETTE, LA 07

84-44/652

CHECK № 1139

PAY TO THE ORDER OF One Hundred Dollars

DATE	CONTROL NO	AMOUNT
9/7/90	1139	$100.00

Office of Conservation
P.O Box 51285
Lafayette, LA 70505

Richard Chalmers
AUTHORIZED SIGNATURE

⑈001139⑈ ⑆065200447⑆ 1026 28 2⑈

Well Cor #2

CODA ENERGY, INC.

9400 N CENTRAL EXPRESSWAY • SUITE 500
LB 187 • DALLAS, TEXAS 75231
(214) 692-1800
(214) 692-7171 FAX

August 31, 1990

Chalmers & Collins, Inc.
P. O. Box 52287
Lafayette, LA 70505

Attn: Mike Collins

Re: Flynn Energy
Hayes Field
Hayes Ul #1

Dear Mike:

As you know, Coda Energy, Inc. recently finalized the purchase of certain assets owned by Flynn Energy including the well referenced above.

Because of the drop in the rate of production on the well, Coda must terminate the services of Chalmers and Collins to operate the well effective October 1, 1990.

Doyle Fain, Coda's field supervisor, will assume the responsibility of this well at that time. He will be contacting you soon to obtain information on the operations of the well.

Perhaps in the future we may have an opportunity to utilize your services on a day rate or project basis.

Feel free to contact me with any questions.

Sincerely,

CODA ENERGY, INC.

Joe Hopkins
Vice President, Operations

JH:tg

Flynn ENERGY CORP.

NEW ADDRESS:
8908 S. YALE
SUITE 300
TULSA, OK 74137

September 4, 1990

Mr. Bud Chalmers
Chalmers & Collins, Inc.
P. O. Box 52287
Lafayette, Louisiana 70505

Re: Walker Properties #1

Dear Bud:

Pursuant to our phone conversation today, this is to confirm that Flynn Energy Corp. sold all of its right, title and interest in the subject well to Coda Energy, Inc. on August 16, 1990. The effective date of the sale was January 1, 1990.

Please be advised that, as far as Flynn Energy Corp. is concerned, the transfer of operations became effective on August 17, 1990.

I will be happy to execute and/or complete any forms which need to be filed with the State in order to effectuate the transfer of operations.

The address and phone number for Coda Energy, Inc. are:

9400 N. Central Expressway
Suite 500, L. B. 187
Dallas, Texas 75231
(214) 692-1800

Sincerely,

FLYNN ENERGY CORP.

Donald M. Saunders
President

DMS:rd

Our agreement ends Aug. 31 of Flynn. LES
Sept. - bill "Coda"

RWC/ Send copy of card to Don Saunders. & Coda also R-4

Flynn
ENERGY CORP.

September 20, 1990

CERTIFIED MAIL -
RETURN RECEIPT REQUESTED

Mr. Ralph Bown
Petrocana, Inc.
P. O. Box 51542
Lafayette, Louisiana 70505

Re: Hayes Unit 1 Well #2
Plugging & Abandonment

Dear Mr. Bown:

Flynn Energy Corp. has sold its interest in the Hayes Unit 1 Well #1 to Coda Energy, Inc. in Dallas, Texas. In the process of submitting our change of operator form with the State of Louisiana, State officials asked who would be liable for the plugging of the Hayes Unit 1 Well #2 and asked for assurance that the well would be plugged. Frankly, I don't know who will end up with this well (presumably, not Flynn Energy Corp.), but we must comply with the State's requirements. Therefore, I would offer you the following two alternatives:

1.) Flynn Energy Corp. will commence the plugging and abandonment of this well within 30 days of this letter; or,

2.) Flynn Energy Corp. will waive any rights to this well to Petrocana.

Inasmuch as we intend to reject the Petrocana-Flynn farmout agreement, I would assume this well would revert back to Petrocana, as well as the other Atkinson wells. Any rights we may have earned pursuant to the farmout agreement would be assigned back to Petrocana, including the right to operate the wells in the Hayes Field. There are, however, various liens and claims against these properties which have not been resolved through the Bankruptcy proceedings at this date.

Please advise whether or not you would prefer option 1. or 2. above. If I don't hear from you within 30 days, I will assume you have elected option 1.

RECEIVED SEP 2 4 1990

Southern Hills Tower • Suite 150 • 2431 East 61st Street • Tulsa, Oklahoma 74136 • Phone (918) 749-0469 • Telecopy (918) 743-8973

If you have any questions or comments, please feel free to contact me or Mr. Michael Rosenthal.

Sincerely,

FLYNN ENERGY CORP.

Donald M. Saunders
President

DMS:rd

xc to: Mr. Michael A. Rosenthal
Mr. Bud Chalmers
Mr. Ted Eubank, Coda Energy, Inc.

State of Louisiana

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF CONSERVATION
P. O. BOX 51285
LAFAYETTE, LA. 70505

BUDDY ROEMER
GOVERNOR

RAYMOND W. STEPHENS, JR
SECRETARY

September 25, 1990

Re: VUA;Hayes U 1 #2
Hayes Field
Jefferson Davis Parish
Serial #208909

Office of Conservation
Attn: Mr. Phil Boudreaux
PERMIT SECTION
P. O. Box 94275
Baton Rouge, La. 70804-9275

Dear Mr. Boudreaux:

Enclosed herewith please find application for permit to amend the operator name from Flynn Energy Corporation to Coda Energy Inc on their VUA;Hayes U 1 #1, Serial #206344, Hayes field, Jefferson Davis Parish.

Also enclosed is check #1139 in the amount of $100 to cover filing fee for this amendment. The effective date of this change is August 17, 1990 and the product is OIL.

The verification for this change is a letter dated September 4, 1990 from Flynn Energy Corp. Also please note, Coda is not taking over the VUA;Hayes U 1 #2 (Serial #208909) at this time. [See attached letter dated September 20, 1990 from Flynn Energy Corp] Flynn Energy Corp plans to commence plug and abandon procedures within the next 30 days on the number 2 well.

Yours very truly,

Gerard E. LeBlanc

Gerard LeBlanc, Manager
Lafayette District

GEL:jcl

Encls.

cc: Audit Section/R4/Anita Hebert
Baton Rouge, La.

STATE OF LOUISIANA
OFFICE OF CONSERVATION
AMENDED PERMIT TO DRILL FOR MINERALS

...$100.00

206344 SERIAL NO DATE 10/10/90 EFFECTIVE 08/90

CURRENT CODES

027	PARISH	JEFFERSON DAVIS	DISTRICT 31 LAFAYE
4439	FIELD	HAYES	
C043	OPERATOR	CODA ENERGY, INC.	
		SUITE 500, LB 187	
		DALLAS, TX	75231

2-445970WELL NAME VUA;HAYES U1 NO. 001
LOCATION OF WELL SEC 019 T 11S R 05W
FORMER OPERATOR: FLYNN ENERGY CORPORATION

L000599

APPLICABLE OFFICE OF CONSERVATION ORDER 29B

J. PATRICK BATCHELOR
COMMISSIONER

FELIX J. BOUDREAUX
ISSUING AUTHORITY

WELL FILE

STATE OF LOUISIANA
OFFICE OF CONSERVATION
AMENDED PERMIT TO DRILL FOR MINERALS

...$100.00

206344 SERIAL NO DATE 06/28/91 EFFECTIVE 04/91

CURRENT CODES

027 PARISH	JEFFERSON DAVIS	DISTRICT 31 LAFAYE
4439 FIELD	HAYES	
4763 OPERATOR	PETROCANA, INC.	
	P.O. BOX 51542	
	LAFAYETTE, LA.	70505

2-445970WELL NAME VUA;HAYES U1 NO. 001
LOCATION OF WELL SEC 019 T 11S R 05W
FORMER OPERATOR: CODA ENERGY, INC.

L000702

APPLICABLE OFFICE OF CONSERVATION ORDER

J. PATRICK BATCHELOR
COMMISSIONER

FELIX J. BOUDREAUX
ISSUING AUTHORITY

WELL FILE

STATE OF LOUISIANA
OFFICE OF CONSERVATION
AMENDED PERMIT TO DRILL FOR MINERALS

...$100.00

206344 SERIAL NO DATE 09/01/93 EFFECTIVE 07/01/93

CURRENT CODES

027	PARISH	JEFFERSON DAVIS	DISTRICT LAFAYETTE
4439	FIELD	HAYES	
U015	OPERATOR	UNITED WORLD ENERGY CORP.	
1	PRODUCT	P. O. BOX 32166	
L000880	MA	LAFAEYETTE, LA	70593

2-045970 WELL NAME VUA;HAYES U1 NO. 001
LOCATION OF WELL SEC 019 T 11S R 05W
FORMER OPERATOR NAME: PETROCANA,INC. 4763

APPLICABLE OFFICE OF CONSERVATION ORDER

H. W. THOMPSON
COMMISSIONER

FELIX J. BOUDREAUX
ISSUING AUTHORITY

WELL FILE

29-E COMPLIANCE	YES	NO
29-E UNIT ATTACHED	YES	NO

O C USE ONLY

STATE OF LOUISIANA
OFFICE OF CONSERVATION

OCT 08 1996
Office of Conservation
Well Files
Baton Rouge, LA

WELL COMPLETION OR RECOMPLETION REPORT

DISTRICT Lafayette

CODE NUMBERS:

027	PARISH	Jeff Davis
4439	FIELD	Hayes
U-015	OPERATOR	United World Energy Corporation
206344	WELL NAME	VUA; Hayes U1
	RESERVOIR	Miocene

DATE August 26, 1996

[1] 1 - ON SHORE 3 - OFF-SHORE

SEC 19 T 11S R 5W

OC ORDER NO 29B 29E

NO 1 SERIAL NO 206344

COMPLETION DATE August 22, 1996 TIME 12:45 AM [ ] PM [X]

IS A FORM MD-10-R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES [ ] NO [X]

REMARKS:

COMPLETION DATA:

TYPE COMPLETION: 2 (1 - ORIG COMP, 2 - RE-COMP)

PRIMARY PRODUCT: 2 (1 - OIL, 2 - GAS, 3 - DRY GAS)

PRIMARY PRODUCT CHANGE? 1 (1 - YES, 2 - NO)

PRODUCING METHOD: F (F - FLOWING, G L - GAS LIFT, P - PUMPING)

STATUS OF WELL: SEE REVERSE SIDE FOR CODE

RECEIVED SEP 30 1996 OFFICE OF CONSERVATION LAFAYETTE, LOUISIANA

IF THIS IS A RE COMPLETION SPECIFY: SAME RESERVOIR [ ] DIFFERENT RESERVOIR [X]

5 BOPD INITIAL PROD	400 MCF/DAY GAS VOLUME	2150 PSIG FLOWING TUBING PRESSURE	2350 PSIG SHUT-IN TUBING PRESSURE	650 PSIG CASING PRESSURE

7 /64" HOLE SIZE	1 (1 POSITIVE, 2 - ADJUST)	20 BPD WATER PROD	80 % BS & W	80,000 CF/BBL GOR	GRAVITY API AT 60° F	

PERFORATIONS 7357' - 7360' TOTAL DEPTH 10,474'

CLEARANCE & CERTIFICATION:

ADDITIONAL CLEARANCE IS REQUESTED FOR _____ BBLS OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST. (SEE SECTION X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE)

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

Wayne Landry
SIGNATURE

United World Energy
OPERATOR

Pres.
TITLE

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITHIN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1)

FORM COMP (REV 1 76)

OFFICE OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

> All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

TEST DATA

Date of Test	Time of Test	Amount of Oil Produced
_____	_____M. to_____M.	_____Barrels
_____	_____M. to_____M.	_____Barrels
_____	_____M. to_____M.	_____Barrels
_____	_____M. to_____M.	_____Barrels
_____	_____M. to_____M.	_____Barrels

TOTAL_____BARRELS

The above total barrels of oil were produced from_____Ft. to_____Ft.

Remarks: _____

_____

_____ _____

OPERATOR (Signed) OPERATOR REPRESENTATIVE

CODES TO USE IN REPORTING STATUS OF WELL

10 Active
33 Inactive-Future Utility (does not include waiting on pipeline or market)
36 Inactive waiting on pipeline
37 Inactive waiting on market

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO: 206344

PRODUCING INTERVAL: 7357'-7360'

RESERVOIR (COMPANY SAND IDENTIFICATION): Miocene

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES
- [ ] NEW WELL
- [x] RECOMPLETION
- [ ] P & A

- [ ] 31 INACTIVE DRY HOLE FUT UTIL
- [ ] 32 INACTIVE DRY HOLE NO FUT UTIL
- [ ] 36 INACTIVE WAITING ON PIPELINE
- [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT
- [ ] OIL
- [x] GAS
- [ ] OTHER

IF RECOMPLETION
- [ ] SAME RESERVOIR
- [x] DIFFERENT RESERVOIR

DATE COMP, RECOMP, OR P & A (M D Y): 08/22/96

OPERATOR: United World Energy Corp.

CODE: U-015

ADDRESS: P. O. Box 32166, Lafayette, LA 70593

WELL NAME: VUA; Hayes U1

WELL NO: #1

PARISH: Jeff Davis

SEC 19 TWP 11S RGE 5W

DATE PERMIT ISSUED: August 21, 1996

DATE SPUDDED (M D Y): 08/22/96

DATE READY TO PRODUCE*: 08/22/96

TOTAL DEPTH: 10,474

PBTD: 7555

GROUND ELEVATION: 8.35'

CASING HEAD FLANGE ELEVATION:

DISTANCE FROM RKB TO CHF: 28.0'

DATE WELL TURNED INTO TANKS: 08/22/96

SINGLE, DUAL OR TRIPLE COMPLETION?: Single

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?: No

WAS DIRECTIONAL SURVEY MADE?: inclination No- survey

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?:

DATE FILED: September 1, 1996

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION):

DATE FILED:

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
01	14"	Driven		0	95'					
02	9 5/8"	12 1/4"	47#	0	2995'	1175	1000	1/2	07/18/87	Russel Olivier
03	5 1/2"	8 1/2"	20#	0	8313	1792	3000	1/2	08/18/87	Russel Olivier
04										
05										

TUBING SIZE: 2 3/8" DEPTH OF TUBING: 6817' DEPTH OF PACKER(S): 6757'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: 5 BOPD

GAS VOLUME: 400 MCF/DAY

GOR: 80,000 CF/BBL

CHOKE SIZE: 7 /64"

PRODUCING METHOD: Flowing

FLOWING TUBING PRESSURE: 2150 psig

SHUT-IN TUBING PRESSURE: 2350 psig

CASING PRESSURE: 650

WATER PRODUCTION: 20 BPD

BS&W: 80 %

GRAVITY: °API@60° F

BHP (SHUT-IN): 3410 psig

COMPANY REPRESENTATIVE: Wayne Landry

DATE GAUGED: 08/26/96

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR

RECEIVED
SEP 30 1996
Lafayette District Office

CERTIFICATE: I, the undersigned, state: That I am employed by United World and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge

Signature: Wayne Landry Title: Pres

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc; the well has been shut-in

FORM WH 1 (1 78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L1516-96	08/22/96	Apex Wood	Perf. well @ 7357'-60' 6SPF thru-tubing gun

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms

FORMATION	DEPTH	FORMATION	DEPTH

STATE OF LOUISIANA
OFFICE OF CONSERVATION
LOUISIANA STATE POTENTIAL REPORT

NOV 12 1996
Office of Conservation
Well Files
Baton Rouge, LA

INPUT TYPE
1 - OC Only
2 - Original
3 - Correction
[2] 11

District LAFAYETTE
Field HAYES
Parish CAMERON
Operator United World Energy Co Code U015
Sec 19 TWP 11S RGE 5W Test Date 10 / 22 / 96
12 Mo Day Yr

TYPE OF WELL
[2] 18
1-OIL
2-GAS

TYPE OF TEST
[2] 19
1-COMPLETION
2-RECOMPLETION
3-RETEST

PRODUCING METHOD
[F] 20
F-FLOWING
P-PUMPING
G-GASLIFT

WELL SERIAL NO	WELL NAME	WELL NO	NAME OF RESERVOIR
206344	VUA; HAYES U-1	1	MIOCENE

27

TOTAL DEPTH	PERFORATED INTERVAL FROM	TO	CHOKE /64"	OIL BBLS/DAY	COND BBLS/DAY	GAS MCF/DAY	GAS/OIL RATIO CF/BBL
10474	7357	7360	7	—	5	400	80000/1

33 38 43 48 51 57 63 69

API GRAV @60° F	WATER BBLS/DAY	BS&W %	FLOWING PRES (PSIG)	CASING PRES (PSIG)	DATE OF COMPLETION MO	DAY	YI
51	20	80	2150	650	8	22	96

76 80 86 89 95 101

CLOSE TANK / ~~METER~~ GAUGE 1'6" @ 800AM TIME
OPEN TANK / ~~METER~~ GAUGE 1'3" @ 800AM TIME
DIFFERENCE 3" in 24 HOURS
TANK / ~~METER~~ NO 10180 TANK COEF 1.67

STATIC PRES 870 DIFFERENTIAL PRES. 30 LINE SIZE 2"
PLATE SIZE 0.625 COEFFICIENT 15.326 METER SPRING & DIFF. RANGE 1500/100
REMARKS OIL: TEXACO GAS: TEXAS GAS

WITNESSED BY [signature] GAUGED BY Edward Authement
TITLE CEA TITLE

SDM2 (1-76)

29 E COMPLIANCE	YES	NO
29 E UNIT ATTACHED	YES	NO

O C USE ONLY

NOV 0 3 1997

Office of Conservation
Well Files
Baton Rouge, LA

STATE OF LOUISIANA
OFFICE OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

DISTRICT Lafayette

CODE NUMBERS

DATE 08/11/97

1 - ON-SHORE
3 - OFF-SHORE

027 — PARISH Jefferson Davis — SEC 19 T 11S R 5W

4439 — FIELD Hayes — OC ORDER NO --

U-015 — OPERATOR United World Energy Corporation

206344 — WELL NAME VUA; Hayes Unit 1 — NO 1 — SERIAL NO 206344

RESERVOIR 7200' Miocene — 08/08/97 COMPLETION DATE — 10:30 TIME — X AM — PM

IMPORTANT

IS A FORM MD 10 R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN — YES [ ] NO [X]

Producing in 1280 VUA and remained gas well status

REMARKS

COMPLETION DATA

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
2 (1 ORIG COMP, 2 - RE-COMP)	2 (1 - OIL, 2 GAS, 3 - DRY GAS)	2 (1 - YES, 2 NO)	F (F - FLOWING, G L GAS LIFT, P - PUMPING)	1 0 — SEE REVERSE SIDE FOR CODE

* IF THIS IS A RE-COMPLETION SPECIFY SAME RESERVOIR [ ] DIFFERENT RESERVOIR [X]

INITIAL PROD	GAS VOLUME	FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE
31.73 BOPD	75 MCF/DAY	1190 PSIG	1210 PSIG	800 PSIG

CHOKE SIZE	WATER PROD	BS & W	GOR	GRAVITY
5/64" [ ] 1 POSITIVE 2 ADJUST	-0- BPD	-0- %	2364/1 CF/BBL	50.7 API AT 60° F

PERFORATIONS 7199.5' - 7204' — TOTAL DEPTH 10,474'

RECEIVED
SEP 24 1997
LAFAYETTE DISTRICT OFFICE
OF CONSERVATION

CLEARANCE & CERTIFICATION

ADDITIONAL CLEARANCE IS REQUESTED FOR _____ BBLS OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST (SEE SECTION X PARAGRAPH B OF ORDER 29 B ON REVERSE SIDE)

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

Wayne Lindley
SIGNATURE

United World Energy Corporation
OPERATOR

President
TITLE

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITHIN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29 B, SECTION X, PARAGRAPH A, ARTICLE 1)

FORM COMP (REV 1 78)

OFFICE OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

> All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

TEST DATA

Date of Test	Time of Test	Amount of Oil Produced
08/09/97	7:00 A M. to 7:00 A M.	70 Barrels
	M. to M.	Barrels
	M. to M.	Barrels
	M. to M.	Barrels
	M. to M.	Barrels

TOTAL _____ BARRELS

The above total barrels of oil were produced from _____ Ft. to _____ Ft.

Remarks: _____

United World Energy Corporation

OPERATOR

(Signed) OPERATOR REPRESENTATIVE

CODES TO USE IN REPORTING STATUS OF WELL

10 Active
33 Inactive-Future Utility (does not include waiting on pipeline or market)
36 Inactive waiting on pipeline
37 Inactive waiting on market

29 E COMPLIANCE	YES	NO
29 E UNIT ATTACHED	YES	NO

O C USE ONLY

STATE OF LOUISIANA
OFFICE OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

OCT 27 1997
Office of Conservation
Well Files
Baton Rouge, LA

DISTRICT Lafayette

CODE NUMBERS		
027 ✓	PARISH	Jefferson Davis
4439 ✓	FIELD	Hayes
U 015 ✓	OPERATOR	United World Energy Corporation
206344	WELL NAME	VUA; Hayes U 1
	RESERVOIR	7200' Miocene ✓

DATE 08/11/97

1 ON SHORE
3 - OFF SHORE

SEC 19 T 11S R 5W

OC ORDER NO 29B

NO 1 SERIAL NO 206344

08/08/97 ✓ COMPLETION DATE
10:30 TIME X AM PM

IMPORTANT

IS A FORM MD 10 R A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN ✓ YES [ ] NO [X]

REMARKS Producing in 1280 VUA and remained gas well status

COMPLETION DATA

* TYPE COMPLETION ✓	PRIMARY PRODUCT ✓	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
2 — 1 ORIG COMP, 2 RE COMP	2 — 1 - OIL, 2 - GAS, 3 - DRY GAS	2 — 1 - YES, 2 - NO	F — F - FLOWING, GL GAS LIFT, P - PUMPING	1 0 — SEE REVERSE SIDE FOR CODE

* IF THIS IS A RE COMPLETION SPECIFY. SAME RESERVOIR [ ] DIFFERENT RESERVOIR [X]

INITIAL PROD	GAS VOLUME	FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE
31.73 BOPD	75 MCF/DAY	1190 PSIG	1210 PSIG	800 PSIG

CHOKE SIZE	WATER PROD	BS & W	GOR	GRAVITY
5/64" [ ] 1 POSITIVE 2 ADJUST	-0- BPD	-0- %	2364/1 CF/BBL	50.7 API AT 60° F

PERFORATIONS 7199.5' - 7204' TOTAL DEPTH 10,474'

RECEIVED
OCT 17 1997
OFFICE OF CONSERVATION
LAFAYETTE, LOUISIANA

CLEARANCE & CERTIFICATION

ADDITIONAL CLEARANCE IS REQUESTED FOR _____ BBLS OF OIL PRODUCED ON DRILL STEM OR OTHER PRODUCTION TEST (SEE SECTION X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE)

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

Wayne Lindsay
SIGNATURE

United World Energy Corporation
OPERATOR

President
TITLE

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITH IN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29 B, SECTION X, PARAGRAPH A, ARTICLE 1)

FORM COMP (REV 1 78)

OFFICE OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

> All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

TEST DATA

Date of Test	Time of Test	Amount of Oil Produced
08/09/97	7:00 AM. to 7:00 AM.	70 Barrels
	M. to M.	Barrels
	M. to M.	Barrels
	M. to M.	Barrels
	M. to M.	Barrels

TOTAL _____ BARRELS

The above total barrels of oil were produced from _____ Ft. to _____ Ft.

Remarks: _____

United World Energy Corporation — Wayne Landry

OPERATOR — (Signed) OPERATOR REPRESENTATIVE

CODES TO USE IN REPORTING STATUS OF WELL

10 Active
33 Inactive-Future Utility (does not include waiting on pipeline or market)
36 Inactive waiting on pipeline
37 Inactive waiting on market

NOV 0 3 1997
Office of Conservation
Well Files
Baton Rouge, LA

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO: 206344

PRODUCING INTERVAL: 7199.5' - 7204

RESERVOIR (COMPANY SAND IDENTIFICATION): 7200' Miocene

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES: [ ] NEW WELL [X] RECOMPLETION [ ] P & A

[ ] 31 INACTIVE DRY HOLE FUT UTIL
[ ] 32 INACTIVE DRY HOLE NO FUT UTIL
[ ] 36 INACTIVE WAITING ON PIPELINE
[ ] 37 INACTIVE WAITING ON MARKET

PRODUCT: [X] OIL [ ] GAS [ ] OTHER

IF RECOMPLETION: [ ] SAME RESERVOIR [X] DIFFERENT RESERVOIR

DATE COMP, RECOMP, OR P & A (M D Y): 08/08/97

OPERATOR: United World Energy Corporation

CODE: U-015

ADDRESS: P.O. Box 80933, Lafayette, LA 70598-0933

WELL NAME: VUA; Hayes Unit 1

WELL NO: 1

PARISH: Jefferson Davis

SEC 19 TWP 11S RGE 5W

DATE PERMIT ISSUED: 08/05/97

DATE SPUDDED (M D Y):

DATE READY TO PRODUCE*: 08/08/97

TOTAL DEPTH: 10,474

PBTD: 7296

GROUND ELEVATION: 8.35'

CASING HEAD FLANGE ELEVATION:

DISTANCE FROM RKB TO CHF: 28.0'

DATE WELL TURNED INTO TANKS: 08/08/97

SINGLE, DUAL OR TRIPLE COMPLETION?: Single

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?: No

WAS DIRECTIONAL SURVEY MADE?: No Inclination survey

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?:

DATE FILED: 08/11/97

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION):

DATE FILED:

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101	14"	Driven		0	95					
102	9 5/8"	12 1/4	47#	0	2995	1175	1000	1/2	07/18/87	Russell Olivier
103	5 1/2"	8 1/2	20#	0	8313	1792	3000	1/2	08/18/87	Ryssell Olivier
104										
105										

TUBING SIZE: 2 3/8

DEPTH OF TUBING:

DEPTH OF PACKER(S):

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: 31.73 BOPD

GAS VOLUME: 75 MCF/DAY

GOR: 2361/1 CF/BBL

CHOKE SIZE: 5 /64"

PRODUCING METHOD: Flowing

FLOWING TUBING PRESSURE: 1190 psig

SHUT-IN TUBING PRESSURE: 1210 psig

CASING PRESSURE: 800

WATER PRODUCTION: -0- BPD

BS&W: -0- %

GRAVITY: 50.7 °API@60° F

BHP (SHUT-IN): psig

COMPANY REPRESENTATIVE: Wayne Landry

DATE GAUGED: 08/09/97

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state That I am employed by United World Energy Corporation and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge

Signature: [signature] Title: President

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc., the well has been shut-in

RECEIVED
SEP 24 1997
LAFAYETTE DISTRICT OFFICE
OF CONSERVATION

FORM WH 1 (1 78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L1444-97	08/08/97	Computalog	Plug back (w) thru-tbg. plug at 7296'. Reperf for prod. at 7199.5' - 7204'

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms

FORMATION	DEPTH	FORMATION	DEPTH

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO: 206344

OCT 27 1997

PRODUCING INTERVAL: 7199.5' - 7204

Office of Conservation
Well Files
Baton Rouge, LA

RESERVOIR (COMPANY SAND IDENTIFICATION): 7200' Miocene

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES
- [ ] NEW WELL
- [X] RECOMPLETION
- [ ] P & A

- [ ] 31 INACTIVE DRY HOLE FUT UTIL
- [ ] 32 INACTIVE DRY HOLE NO FUT UTIL
- [ ] 36 INACTIVE WAITING ON PIPELINE
- [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT
- [ ] OIL
- [X] GAS
- [ ] OTHER

IF RECOMPLETION
- [ ] SAME RESERVOIR
- [X] DIFFERENT RESERVOIR

DATE COMP, RECOMP, OR P & A (M D Y): 08/08/97

OPERATOR: United World Energy Corporation

CODE: U-015

ADDRESS: P.O. Box 80933, Lafayette, LA 70598-0933

WELL NAME: VUA; Hayes Unit 1

WELL NO: 1

PARISH: Jefferson Davis

SEC 19 TWP 11S RGE 5W

DATE PERMIT ISSUED: 08/05/97

DATE SPUDDED (M D Y):

DATE READY TO PRODUCE*: 08/08/97

TOTAL DEPTH: 10,474

PBTD: 7296

GROUND ELEVATION: 8.35'

CASING HEAD FLANGE ELEVATION:

DISTANCE FROM RKB TO CHF: 28.0'

DATE WELL TURNED INTO TANKS: 08/08/97

SINGLE, DUAL OR TRIPLE COMPLETION?: Single

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?: No

WAS DIRECTIONAL SURVEY MADE?: No Inclination survey

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?:

DATE FILED: 08/11/97

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION):

DATE FILED:

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101	14"	Driven		0	95					
102	9 5/8"	12 1/4	47#	0	2995	1175	1000	1/2	07/18/87	Russell Olivier
103	5 1/2"	8 1/2	20#	0	8313	1792	3000	1/2	08/18/87	Russell Olivier
104										
105										

TUBING SIZE: 2 3/8

DEPTH OF TUBING:

DEPTH OF PACKER(S):

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: 31.73 BOPD

GAS VOLUME: 75 MCF/DAY

GOR: 2361/1 CF/BBL

CHOKE SIZE: 5 /64"

PRODUCING METHOD: Flowing

FLOWING TUBING PRESSURE: 1190 psig

SHUT-IN TUBING PRESSURE: 1210 psig

CASING PRESSURE: 800

WATER PRODUCTION: -0- BPD

BS&W: -0- %

GRAVITY: 50.7 °API@60° F

BHP (SHUT-IN): psig

COMPANY REPRESENTATIVE: Wayne Landry

DATE GAUGED: 08/09/97

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR

RECEIVED
OCT 17 1997
OFFICE OF CONSERVATION
LAFAYETTE, LOUISIANA

CERTIFICATE: I, the undersigned, state: That I am employed by United World Energy Corporation and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: Wayne Landry

Title: President

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc., the well has been shut-in

FORM WH 1 (1 78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L1444-97	08/08/97	Computalog	Plug back (w) thru-tbg. plug at 7296' Reperf for prod. at 7199.5' - 7204'

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms

FORMATION	DEPTH	FORMATION	DEPTH

STATE OF LOUISIANA

OFFICE OF CONSERVATION

LOUISIANA STATE POTENTIAL REPORT

District Lafayette

Field Hayes

Parish Jeff Davis

Operator United World Energy Corporation Code U-015

Sec 19 TWP 11S RGE 5W Test Date 09 / 26 / 97 (Mo / Day / Yr)

SEP 30 1997 Office of Conservation Well Files Baton Rouge, LA

INPUT TYPE

1 - OC Only

2 - Original

3 - Correction

TYPE OF WELL: 2 (1-OIL, 2-GAS)

TYPE OF TEST: 2 (1-COMPLETION, 2-RECOMPLETION, 3-RETEST)

PRODUCING METHOD: F (F-FLOWING, P-PUMPING, G-GASLIFT)

WELL SERIAL NO	WELL NAME	WELL NO	NAME OF RESERVOIR
206344	VUA; Hayes Unit -1	#1	7200' Miocene

TOTAL DEPTH	PERFORATED INTERVAL FROM	TO	CHOKE /64"	OIL BBLS/DAY	COND BBLS/DAY	GAS MCF/DAY	GAS/OIL RATIO CF/BBL
10,474	7199.5	7204	5/64		31.73	75	2364/1

API GRAV @60° F	WATER BBLS/DAY	BS&W %	FLOWING PRES (PSIG)	CASING PRES (PSIG)	DATE OF COMPLETION MO	DAY	Y
50.7	0	0	1190	800	8	8	97

CLOSE TANK/METER GAUGE 2'-11" @ 7:00 Am TIME

OPEN TANK/METER GAUGE 1'-4" @ 7:00 Am TIME

DIFFERENCE 1'-7" in 24 HOURS

TANK/METER NO 10179 TANK COEF 1.67

STATIC PRES 51 DIFFERENTIAL PRES 15 LINE SIZE 2"

PLATE SIZE .625 COEFFICIENT 2.45 METER SPRING & DIFF RANGE 150X100

REMARKS Potential Test After Recompletion Change Status from Oil to Gas well.

WITNESSED BY R. W. Sorden GAUGED BY Ed Authement

TITLE CEA 236 TITLE Gager

SDM2 (1-78)

RECEIVED

NOV 15 1999

OFFICE OF CONSERVATION
LAFAYETTE DISTRICT

29 E COMPLIANCE	YES	NO
29-E UNIT ATTACHED	YES	NO

O C USE ONLY

STATE OF LOUISIANA
OFFICE OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

DISTRICT: Lafayette

CODE NUMBERS		
027	PARISH	Jefferson Davis
4439	FIELD	Hayes
U015	OPERATOR	United World Energy Corp.
206344	WELL NAME	VUA;Hayes U1 NO 001
	RESERVOIR	7050' miocene

DATE 10/16/99

1 - ON-SHORE
3 - OFF-SHORE: 1

SEC 19 T 11S R 5W

OC ORDER NO

SERIAL NO 206344

COMPLETION DATE 10/ 6/99 TIME 7:00 AM [X] PM [ ]

Per WH-1

NOV 17 1999 Oil & Gas Conservation Well Files Baton Rouge, LA

IMPORTANT: IS A FORM MD-10 R A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES [ ] NO [X]

REMARKS: Producing in 1280 Ac. VUA all depth (on file in Lafayette Conserv. Dept.)

COMPLETION DATA

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
2 (1 ORIG COMP, 2 RE COMP)	2 (1 - OIL, 2 - GAS, 3 - DRY GAS)	2 (1 - YES, 2 - NO)	F (F - FLOWING, G L GAS LIFT, P - PUMPING)	1 0 SEE REVERSE SIDE FOR CODE

* IF THIS IS A RE COMPLETION SPECIFY SAME RESERVOIR [ ] DIFFERENT RESERVOIR [X]

INITIAL PROD	GAS VOLUME	FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE
13 BOPD	157 MCF/DAY	150 PSIG	580 PSIG	640 PSIG

CHOKE SIZE		WATER PROD	BS & W	GOR	GRAVITY
14/64"	1 (1 POSITIVE, 2 ADJUST)	33 BPD	71 %	12,077 CF/BBL	46 API AT 60° F

PERFORATIONS: 7046' - 7050'

TOTAL DEPTH: 10,474'

CLEARANCE & CERTIFICATION.

ADDITIONAL CLEARANCE IS REQUESTED FOR _____ BBLS OF OIL PRODUCED ON DRILL STEM OR OTHER PRODUCTION TEST (SEE SECTION X PAPAGRAPH B OF ORDER 29-B ON REVERSE SIDE)

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

Wayne Lindsey
SIGNATURE

United World Energy Corp.
OPERATOR

President
TITLE

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITHIN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29 B, SECTION X, PARAGRAPH A, ARTICLE 1)

FORM COMP (REV 1 78)

OFFICE OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

> All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

TEST DATA

Date of Test	Time of Test	Amount of Oil Produced
10/07/99	7:00 AM. to 7:00 AM.	13 Barrels
	M. to M.	Barrels
	M. to M.	Barrels
	M. to M.	Barrels
	M. to M.	Barrels

TOTAL _____ BARRELS

The above total barrels of oil were produced from 2' 0" Ft. to 2' 7 3/4" Ft.

Remarks: _____

United World Energy Corp.
OPERATOR

Wayne Landry
(Signed) OPERATOR REPRESENTATIVE

CODES TO USE IN REPORTING STATUS OF WELL

10 Active
33 Inactive-Future Utility (does not include waiting on pipeline or market)
36 Inactive waiting on pipeline
37 Inactive waiting on market

NOV 17 1999
Office of Conservation
Well Files
Baton Rouge, LA

RECEIVED
NOV 15 1999
OFFICE OF CONSERVATION
LAFAYETTE DISTRICT

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

● SERIAL NO: 206344

PRODUCING INTERVAL: 7046 - 7050

RESERVOIR (COMPANY SAND IDENTIFICATION): 7050' Miocene Sand

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES
- [ ] NEW WELL
- [x] RECOMPLETION
- [ ] P & A

● [ ] 31 INACTIVE DRY HOLE FUT UTIL
- [ ] 32 INACTIVE DRY HOLE NO FUT UTIL
- [ ] 36 INACTIVE WAITING ON PIPELINE
- [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT: [ ] OIL [x] GAS [ ] OTHER

IF RECOMPLETION: [ ] SAME RESERVOIR [x] DIFFERENT RESERVOIR

● DATE COMP, RECOMP, OR P & A (M D Y): 10/06/99

OPERATOR: United World Energy Corp.

● CODE: U015

ADDRESS: 2006 Ambassador Caffery Pkwy. Lafayette, LA 70506

WELL NAME: VUA;Hayes U1

WELL NO: 1

PARISH: Jefferson Davis

SEC 19 TWP 11S RGE 5W

DATE PERMIT ISSUED: 09/23/99

● DATE SPUDDED (M D Y):

DATE READY TO PRODUCE*: 10/06/99

TOTAL DEPTH: 10,474'

PBTD: 7131'

GROUND ELEVATION: 8.35

CASING HEAD FLANGE ELEVATION:

DISTANCE FROM RKB TO CHF: 28.0'

DATE WELL TURNED INTO TANKS: 10/06/99

SINGLE, DUAL OR TRIPLE COMPLETION?: Single

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?: No

WAS DIRECTIONAL SURVEY MADE?: No

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?: Yes

DATE FILED: 10/20/99

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION): Gamma Ray - Perf Log

DATE FILED: Not filed

CASING, LINER AND TUBING RECORD

●	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101	14"	Driven		0	95					
102	9 5/8	12 1/4	47#	0	2995	1175	1000	1/2	07/18/87	Russel Olivier
103	5 1/2	8 1/2	20#	0	8313	1792	3000	1/2	08/18/87	Russel Olivier
104										
105										

● TUBING SIZE: 2 3/8 ● DEPTH OF TUBING: 6817 ● DEPTH OF PACKER(S): 6757

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: 13 BOPD

GAS VOLUME: 157 MCF/DAY

GOR: 12,077 CF/BBL

CHOKE SIZE: 14 /64"

PRODUCING METHOD: Flowing

FLOWING TUBING PRESSURE: 150 psig

SHUT-IN TUBING PRESSURE: 580 psig

CASING PRESSURE: 640

WATER PRODUCTION: 33 BPD

BS&W: %

GRAVITY: 46 °API@60° F

BHP (SHUT-IN): psig

COMPANY REPRESENTATIVE: Wayne Landry

DATE GAUGED: 10/08/99

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state That I am employed by ~~Energy Corp.~~ United World and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge

Signature: [signature] Title: President

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc; the well has been shut-in

FORM WH 1 (1 78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L#1120-99	10/06/99	Wood Group Wireline	Set thru-tbg. bridge plug @ 7155'; dumped 15' cmt.; 3' sand; 6' cmt. & perf for prod. @ 7046-50'

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms

FORMATION	DEPTH	FORMATION	DEPTH

RECEIVED
OCT 25 1999
OFFICE OF CONSERVATION
LAFAYETTE DISTRICT

NOV 17 1999
Office of Conservation
Well Files
Baton Rouge, LA

Hayes Unit 1 #1

HAYES FIELD
Serial # 206344
October 20 1999

KHB to BHF = 28 0' Ground level = ?????'

Well Information
Tbg cap = 26 38 bbls (00387 bbls/ft)
Csg cap = 20 46 bbls (0221 bbls/ft)
Annular Capacity = 113 bbls (0167 bbls/ft)
Pkr fluid = 8 9#/gal lease water (6/14/96)
Tree connection R24 or 2 3/8" 8-rd
Tree = 5,000# w/ 3000# axelson safety valve

14" Conductor @ 95'

Moores Gaslift valve @ 1446'
(press @ 675#) (6/14/96)

Moores Gaslift valve @ 2495'
(press @ 665#) (6/14/96)

9 5/8", 47# P110 & S95 @ 2995'

Moores Gaslift valve @ 3232'
(press @ 655#) (6/14/96)

2 3/8" 4 7# N-80 8-rd (6/14/96) Drift = 1 901" (00387 bbls/ft) Electronic test 15% (6/14/'

Moores Gaslift valve @ 3668'
(press @ 645#) (6/14/96)

8 9 #/gal lease water (9/16/96) no inhibitor

Annular Volume
w/2 3/8" in 5 1/2"= 0167 bbls/ft

Baker Mod R-3 Pkr Drift = 1 901" @ 6757' (6/14/96)
Test nipple w/ ID= 1 812" @6757 (6/14/96)
(Tools Int'l Part # 14B00117-2A-6286)
End of TBG @ 6817'

7046-50'
100 % water on gaslift

Miocene Perfs @ 7046'-50' (10/6/99)
1-11/16", 6 Spf expendable
PRESENT PERFS

Dumped 6' cmt Top at 7131' (Plug Tested Good)(10/5/99)
Dumped 3' of Gravel pack & formation sand Top at 7137' (10/1,2,3/99)
Thur-Tbg Bridge Plug set @ 7155' w/ 15'cmt Above plug (7140')(9/30/99)

Miocene Perfs @ 7199 5'-7204' (8/8/97)
1-11/16" 6 Spf expendable

LOST imp block & 4' centralizer on top of plug (cmt in hole)
Thru-tbg BP set at 7313'(8/6/97) w/ 11' cmt on top
Dumped cmt to PB w/no success(8/4/97)

7199-7204'
150 bbls/day 8/64' ck

Miocene Perfs @ 7350'-54' (3/20/88)
Sqz'd (4/29/88)

Botton found @ 7356',(CCL 7/16/97)
Block Sqz ??? sks () @ 7322'-??'
Block Sqz ??? sks () @ 7322'-??'

7350'-54' Perfs
????? Bcf
????? Bbbls cond
Bhp = 3410 psi @ 7360' FT log (7/30/87)

Miocene Perfs @ 7357'-60' (8/22/96)
6 SPF Thur-Tgb gun

prod
sand

Block Sqz 100 sks (5/6/88) @ 7636'-40'
Block Sqz 100 sks (5/4/88) @ 7658'-64'

Miocene Perfs @ 7646-7650' (5/10/88)

Botton found @ 7743' (rig 6/14/96)
2 - CIBP @ 7860'(?????) w/ 10' cmt on top

7646'-50' Perfs
????? Bcf
????? Bbbls cond
Bhp= 2939 psi @ 6500' (6/28/96)Moores Bhp
Bht = 170° @ 6500' (6/28/96)
Last Prod

Block Sqz 200 sks (8/20/87) @ 7946'-48'
Block Sqz 200 sks , (8/18/87) @ 7965'-69'

Miocene Perfs @ 7954'-57'

5 1/2", 20 0# csg @ 8313' (Drift=4 653")

PBTD @ 8232'

TD @ 10 474'

Hayes#1

10/21/99 9 01 AM

STATE OF LOUISIANA
OFFICE OF CONSERVATION
AMENDED PERMIT TO DRILL FOR MINERALS

(CORRECTED)

206344 SERIAL NO.

DATE 10/25/2000

EFFECTIVE 01/01/2001

CURRENT CODE

27	PARISH	JEFFERSON DAVIS
4439	FIELD	HAYES
U015	OPERATOR	UNITED WORLD ENERGY CORP.
20	PRODUCT	2006 AMBASSADOR CAFFERY PKWY
		LAFAYETTE, LA 70506-0000

LAFAYETTE DISTRICT

7-302918 WELL NAME VUA;HAYES U1

NO. 001

LOCATION OF WELL SEC 019 T 11S R 05W M W

FORMER WELL NAME:VUA,HAYES U1 001 3-206344

APPLICABLE OFFICE OF CONSERVATION ORDERS:

PHILIP N ASPRODITES

COMMISSIONER OF CONSERVATION

TODD KEATING

ISSUING AUTHORITY

WELL FILE

POSTED

W.H.

29 E COMPLIANCE

29 E UNIT ATTACHED YES NO

RECEIVED DEPT OF CONSERVATION WELL RECORDS BATON ROUGE LA

2002 NOV -6 AM 11 30

O C USE ONLY

STATE OF LOUISIANA
OFFICE OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

DISTRICT Lafayette

CODE NUMBERS		
027 ✓	PARISH	Jefferson Davis ✓
4439 ✓	FIELD	Hayes ✓
U015 ✓	OPERATOR	United World Energy Corp ✓
~~206344~~ 302918 ✓	WELL NAME	VUA, Hayes U1 ✓ NO 001 ✓ SERIAL NO 206344 ✓
	RESERVOIR	5200 miocene ✓

DATE 09/30/2002

[1] 1 ON SHORE 3 OFF SHORE

SEC 019 T 11S R 5W ✓

OC ORDER NO

09/28/2002 ✓ COMPLETION DATE

2 25 TIME [ ] AM X P

IMPORTANT

IS A FORM MD 10 R A BEING FILED WITH THIS REPORT? IF NO EXPLAIN YES [ ] NO [X]

REMARKS

COMPLETION DATA

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
[2] 1 ORIG COMP 2 RE COMP ✓	[2] 1 OIL 2 GAS ✓ 3 DRY GAS	[2] 1 YES 2 NO ✓	[F] F FLOWING GL GAS LIFT P - PUMPING ✓	[1 0] SEE REVERSE SI FOR CODE ✓

* IF THIS IS A RE COMPLETION SPECIFY SAME RESERVOIR [ ] DIFFERENT RESERVOIR [ ]

-0-	540	1600	1850	-0-
INITIAL PROD BOPD	GAS VOLUME MCF/DAY	FLOWING TUBING PRESSURE PSIG	SHUT IN TUBING PRESSURE PSIG	CASING PRESSURE PSIG

8 /64	[1] 1 POSITIVE 2 ADJUST	-0-	-0-	-0-	-0-
CHOKE SIZE		WATER PROD BPD	BS & W %	GOR CF/BBL	GRAVITY API AT 60°F

PERFORATIONS 5218 5 to 5220 5' ✓ TOTAL DEPTH 10,474'

RECEIVED

OCT 25 2002

OFFICE OF CONSERVATION
LAFAYETTE DISTRICT

CLEARANCE & CERTIFICATION

ADDITIONAL CLEARANCE IS REQUESTED FOR _____ BBLS OF OIL PRODUCED ON DRILL STEM OR OTHER PRODUCTION TEST (SEE SECTION X PARAGRAPH B OF ORDER 29 B ON REVERSE SIDE)

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

W Wayne Landry
SIGNATURE

United World Energy Corporation
OPERATOR

President
TITLE

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITH IN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29 B SECTION X PARAGRAPH A ARTICLE 1)

FORM COMP (REV 1 78) L#1193-02

RECEIVED
DEPT OF CONSERVATION
WELL RECORDS
BATON ROUGE, LA
2002 NOV -6 AM 11:34

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO: 206344

PRODUCING INTERVAL: 5218 - 5220'

RESERVOIR (COMPANY SAND IDENTIFICATION): 5200 Miocene

RECEIVED
OCT 25 2002
OFFICE OF CONSERVATION
LAFAYETTE DISTRICT

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES
- [ ] NEW WELL
- [X] RECOMPLETION
- [ ] P & A

- [ ] 31 INACTIVE DRY HOLE FUT UTIL
- [ ] 32 INACTIVE DRY HOLE NO FUT UTIL
- [ ] 36 INACTIVE WAITING ON PIPELINE
- [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT: [ ] OIL [X] GAS [ ] OTHER

IF RECOMPLETION: [ ] SAME RESERVOIR [X] DIFFERENT RESERVOIR

DATE COMP, RECOMP OR P&A (M D Y): 09/28/02

OPERATOR: United World Energy Corp

CODE: U015

ADDRESS: 2006 Ambassador Caffery Pkwy, Lafayette, LA 70506

WELL NAME: Hayes U1

WELL NO: 001

PARISH: Jeff Davis

SEC 019 TWP 11S RGE 05W

DATE PERMIT ISSUED: 09/25/2002

DATE SPUDDED (M D Y):

DATE READY TO PRODUCE*: 09/28/2002

TOTAL DEPTH: 10,474'

PBTD: 6791

GROUND ELEVATION:

CASING HEAD FLANGE ELEVATION:

DISTANCE FROM RKB TO CHF: 28 0

DATE WELL TURNED INTO TANKS:

SINGLE, DUAL OR TRIPLE COMPLETION?: Single

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?: No

WAS DIRECTIONAL SURVEY MADE?: No

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?:

DATE FILED:

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION):

DATE FILED:

CASING LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101	14	Drive		0	95					
102	9 5/8	12 1/4	47	0	2995	1175	1000	1/2	7/18/87	Russell Olivier
103	5 1/2	8 1/2	20	0	8313	1792	3000	1/2	8/18/87	Russell Olivier
104										
105										

TUBING SIZE: 2 3/8 DEPTH OF TUBING: 5050 DEPTH OF PACKER(S): 4983

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: 0 BOPD

GAS VOLUME: 540 MCF/DAY

GOR: -0- CF/BBL

CHOKE SIZE: 8 /64

PRODUCING METHOD: Flowing

FLOWING TUBING PRESSURE: 1600 psig

SHUT-IN TUBING PRESSURE: 1850 psig

CASING PRESSURE: -0-

WATER PRODUCTION: -0- BPD

BS&W: -0- %

GRAVITY: N/A °API@60° F

BHP (SHUT IN): (FT sample) 2515 psig

COMPANY REPRESENTATIVE: Wayne Landry

DATE GAUGED: 09/28/2002

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state That I am employed by United World Energy Corporation and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: Wayne Landry Title: President

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc, the well has been shut-in

FORM WH 1 (1 78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L 1193-02	9/28/02	Wood Group	Set CIBP w/9' cmt over plug. Perf for prod 5218 5 - 5220 5'

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms

FORMATION	DEPTH	FORMATION	DEPTH

206344

RECEIVED

OCT 25 2002

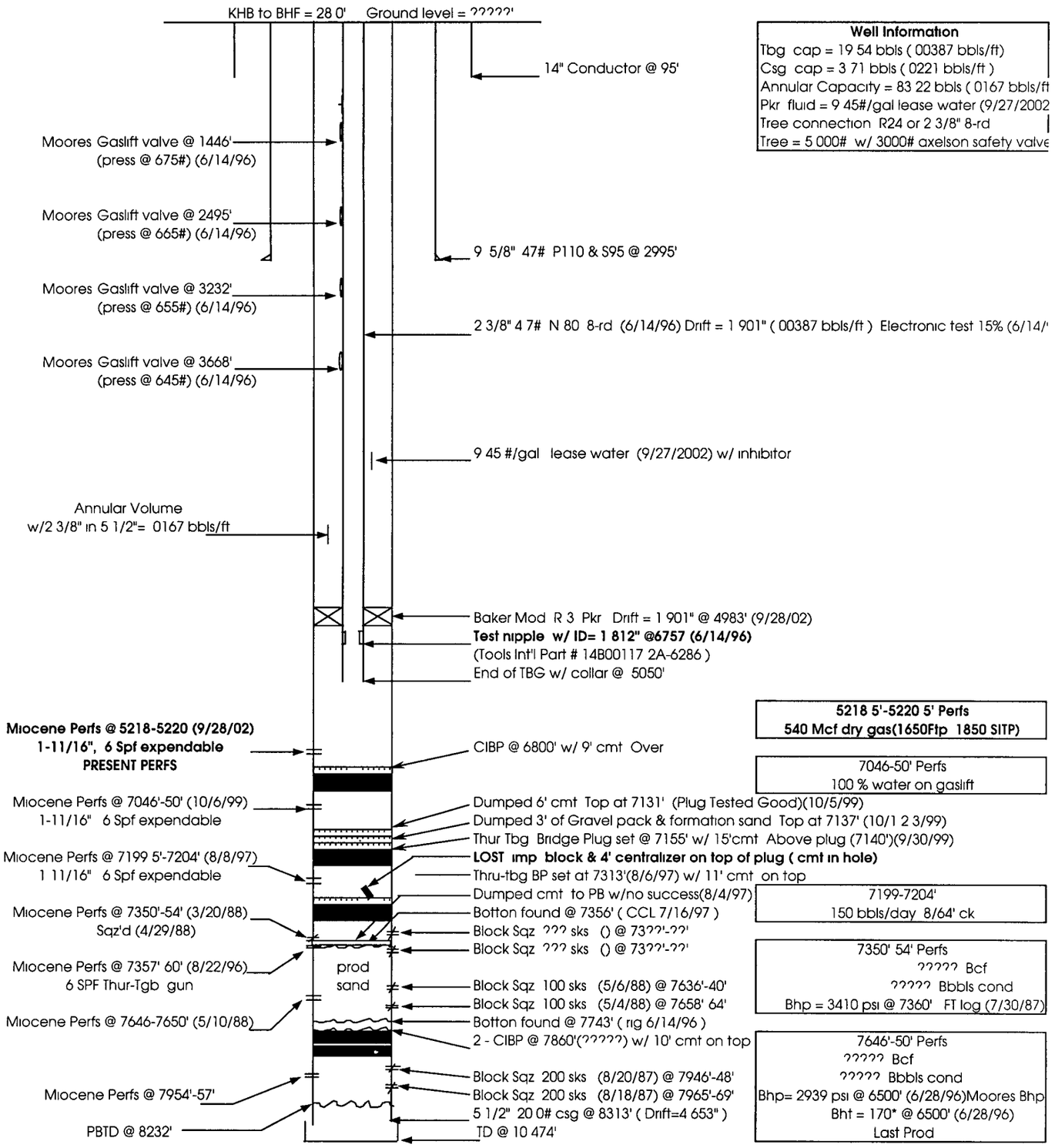
OFFICE OF CONSERVATION
LAFAYETTE DISTRICT

RECEIVED
DEPT OF CONSERVATION
WELL RECORDS
BATON ROUGE, LA

2002 NOV -6 AM 11: 32

Hayes Unit 1 #1

HAYES FIELD
Serial # 206344
October 2 2002



Well Information
Tbg cap = 19 54 bbls (00387 bbls/ft)
Csg cap = 3 71 bbls (0221 bbls/ft)
Annular Capacity = 83 22 bbls (0167 bbls/ft
Pkr fluid = 9 45#/gal lease water (9/27/2002
Tree connection R24 or 2 3/8" 8-rd
Tree = 5 000# w/ 3000# axelson safety valve

5218 5'-5220 5' Perfs
540 Mcf dry gas(1650Ftp 1850 SITP)

7046-50' Perfs
100 % water on gaslift

7199-7204'
150 bbls/day 8/64' ck

7350' 54' Perfs
????? Bcf
????? Bbbls cond
Bhp = 3410 psi @ 7360' FT log (7/30/87)

7646'-50' Perfs
????? Bcf
????? Bbbls cond
Bhp= 2939 psi @ 6500' (6/28/96)Moores Bhp
Bht = 170* @ 6500' (6/28/96)
Last Prod

Hayes#1

10/10/2002 10 46 AM

STATE OF LOUISIANA
OFFICE OF CONSERVATION

RECEIVED
OCT 17 2002
OFFICE OF CONSERVATION
ENGINEERING DIVISION

APPLICATION FOR WELL STATUS DETERMINATION
(INACTIVE WELL)

SERIAL NO. 206344
FIELD HAYES (4439)
OPERATOR UNITED WORLD ENERGY CORP. (U015)
WELL NAME & NO. VUA; HAYES U1 #1
APPLICATION DATE 10/07/2002

AFFIDAVIT

STATE OF LOUISIANA
PARISH (COUNTY) OF LAFAYETTE

BEFORE ME, the undersigned authority, duly commissioned and qualified within and for the State and Parish (County) aforesaud, personally came and appeard WAYNE LANDRY, who, being by me first duly sworn, deposed and said:

That he / she is the PRESIDENT of UNITED WORLD ENERGY CORP., applicant for Serial No. 206344, and in that capacity he/she is requestiing the Commissioner of Conservation of the State of Louisiana to determine the status the status of said well pursuant to Act 74 of the 2002 Regular Session. (R.S. 47:633 et seq)

(PLEASE CHECK THE ITEM THAT APPLIES)

[X] That the well did not produce in the two year period preceding the date of this application.

[ ] That the well has produced no more than thirty (30) days in any two year period ending _____.
(Must be between July 1, 2002 and June 30, 2006.
Attach a list of the day(s) the well produced during this period)

That on the basis of the documents submitted in this application, he/she has concluded that to the best of his/her information, knowledge and belief, the well in question qualifies as an Inactive Well and that he/she has no knowledge of any other information which is inconsistant with his/her conclusion.

Signed: Wayne Landry

Subscribed in my presence and duly sworn to before me, this 7th day of October 2002.

Dina J. Lemoine
Notary Public

My commission expires: Life

OFFICE OF CONSERVATION USE ONLY

[✓] Approved — Signed James H. Welsh
WK 10/18/02
[ ] Denied — Date OCT 25 2002

STRP - IW
Rev. 7/2002

Contact Information: Phone: 225-342-5638, Web Site: http://www.dnr.state.la.us/CONS/CONSEREN/Permits/permitssection.ssi

29 E COMPLIANCE ____ YES ____ NO

29 E UNIT ATTACHED ____ YES ____ NO

O C USE ONLY

RECEIVED
DEPT OF CONSERVATION
WELL RECORDS
BATON ROUGE, LA
2005 MAR -7 PM 12:42

STATE OF LOUISIANA
OFFICE OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

DISTRICT Lafayette

CODE NUMBERS

027

4439

U015

302918

DATE 02/23/2005

[1] 1 ON SHORE 3 OFF SHORE

PARISH Jefferson Davis

SEC 19 T 11S R 5W

FIELD Hayes

OC ORDER NO

OPERATOR United World Energy Corp

WELL NAME VUA, Hayes U1 NO 1 SERIAL NO 206344

RESERVOIR 5200 Miocene

12/07/04 COMPLETION DATE

11 00 TIME [X] AM [ ] PM

IMPORTANT

IS A FORM MD 10 R A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES [ ] NO [X]

REMARKS

COMPLETION DATA

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
[2] 1 ORIG COMP 2 RE COMP	[2] 1 OIL 2 GAS 3 DRY GAS	[2] 1 YES 2 NO	[F] F - FLOWING GL GAS LIFT P - PUMPING	[1][0] SEE REVERSE SID FOR CODE

* IF THIS IS A RE COMPLETION SPECIFY SAME RESERVOIR [ ] DIFFERENT RESERVOIR [X]

INITIAL PROD	GAS VOLUME	FLOWING TUBING PRESSURE	SHUT IN TUBING PRESSURE	CASING PRESSURE
0 BOPD	300 MCF/DAY	1725 PSIG	1950 PSIG	0 PSIG

CHOKE SIZE		WATER PROD	BS & W	GOR	GRAVITY
6 /64'	[1] 1 POSITIVE 2 ADJUST	0 BPD	0 %	0 CF/BBL	0 API AT 60° F

PERFORATIONS 5519 5' to 5520 5' TOTAL DEPTH 10,474'

RECEIVED

CLEARANCE & CERTIFICATION

ADDITIONAL CLEARANCE IS REQUESTED FOR ____ BBLS OF OIL PRODUCED ON DRILL STEM OR OTHER PRODUCTION TEST (SEE SECTION X PARAGRAPH B OF ORDER 29 B ON REVERSE SIDE)

FEB 28 2005
OFFICE OF CONSERVATION
LAFAYETTE DISTRICT

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

SIGNATURE

United World Energy Corp.
OPERATOR

President
TITLE

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITH IN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29 B SECTION X, PARAGRAPH A ARTICLE 1)

FORM COMP (REV 1 78)

OFFICE OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion

---

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule

All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8 00 A M., August 5 to 3 00 P.M., August 8, 1952."

TEST DATA

Date of Test	Time of Test	Amount of Oil Produced
12/07/2004	4 00PM. to 6.00 PM	0 Barrels
	M. to M.	Barrels
	M. to M	Barrels
	M. to M.	Barrels
	M. to M	0 Barrels

TOTAL _____ BARRELS

The above total barrels of oil were produced from _____ Ft to _____ Ft.

Remarks _____

United World Energy Corporation
OPERATOR

Wayne Landry (Signed) OPERATOR REPRESENTATIVE

CODES TO USE IN REPORTING STATUS OF WELL

10 Active
33 Inactive-Future Utility (does not include waiting on pipeline or market)
36 Inactive waiting on pipeline
37 Inactive waiting on market

RECEIVED
DEPT. OF CONSERVATION
WELL RECORDS
BATON ROUGE, LA
2005 MAR -7 PM 12:42

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

● SERIAL NO: 206344

PRODUCING INTERVAL: 5519 5 to 5520.5

RESERVOIR (COMPANY SAND IDENTIFICATION): Miocene

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES
- [ ] NEW WELL
- [x] RECOMPLETION
- [ ] P & A

● [ ] 31 INACTIVE DRY HOLE FUT UTIL
- [ ] 32 INACTIVE DRY HOLE NO FUT UTIL
- [ ] 36 INACTIVE WAITING ON PIPELINE
- [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT
- [ ] OIL
- [x] GAS
- [ ] OTHER

IF RECOMPLETION
- [ ] SAME RESERVOIR
- [x] DIFFERENT RESERVOIR

DATE COMP RECOMP OR P & A ● M D Y: 12/07/04

OPERATOR: United World Energy Corporation

CODE ●: U015

ADDRESS: 2006 Ambassador Caffery Pkwy Lafayette, LA 70506

WELL NAME: Hayes U1

WELL NO: 1

PARISH: Jeff Davis

SEC 19 TWP 11S RGE 5W

DATE PERMIT ISSUED: 12/03/04

DATE SPUDDED ● M D Y:

DATE READY TO PRODUCE*: 12/07/04

TOTAL DEPTH: 10,474'

PBTD: 6791'

GROUND ELEVATION:

CASING HEAD FLANGE ELEVATION:

DISTANCE FROM RKB TO CHF: 28 0'

DATE WELL TURNED INTO TANKS:

SINGLE, DUAL OR TRIPLE COMPLETION?: Single

NOTE: IF THIS IS A MULTIPLE COMPLETION FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?: No

WAS DIRECTIONAL SURVEY MADE?: No

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?:

DATE FILED:

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION):

DATE FILED:

CASING, LINER AND TUBING RECORD

●	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101	14	Drive		0	95					
102	9 5/8	12 1/4	47	0	2995	1175	1000	1/2	7/18/87	Russell Olivier
103	5 1/2	8 1/2	20	0	8313	1792	3000	1/2	8/18/87	Russell Oliveir
104										
105										

● TUBING SIZE: 2 3/8 ● DEPTH OF TUBING: 5370 ● DEPTH OF PACKER(S): 5304

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: 0 BOPD

GAS VOLUME: 300 MCF/DAY

GOR: 0 CF/BBL

CHOKE SIZE: 6 /64

PRODUCING METHOD: Flowing

FLOWING TUBING PRESSURE: 1725 psig

SHUT-IN TUBING PRESSURE: 1950 psig

CASING PRESSURE: 0

WATER PRODUCTION: 0 BPD

BS&W: 0 %

GRAVITY: N/A °API@60° F

BHP (SHUT-IN): (est) 2122 psig

COMPANY REPRESENTATIVE: Wayne Landry

DATE GAUGED: 12/07/04

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state That I am employed by United World Energy Corp and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge

Signature: [signature] Title: President

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc; the well has been shut-in

RECEIVED
FEB 28 2005
OFFICE OF CONSERVATION
LAFAYETTE DISTRICT

FORM WH 1 (1 78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L-1594-04	12/07/04	Tetra Wireline	Perf well for production @ 5519.5' - 5520 5'

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms

FORMATION	DEPTH	FORMATION	DEPTH

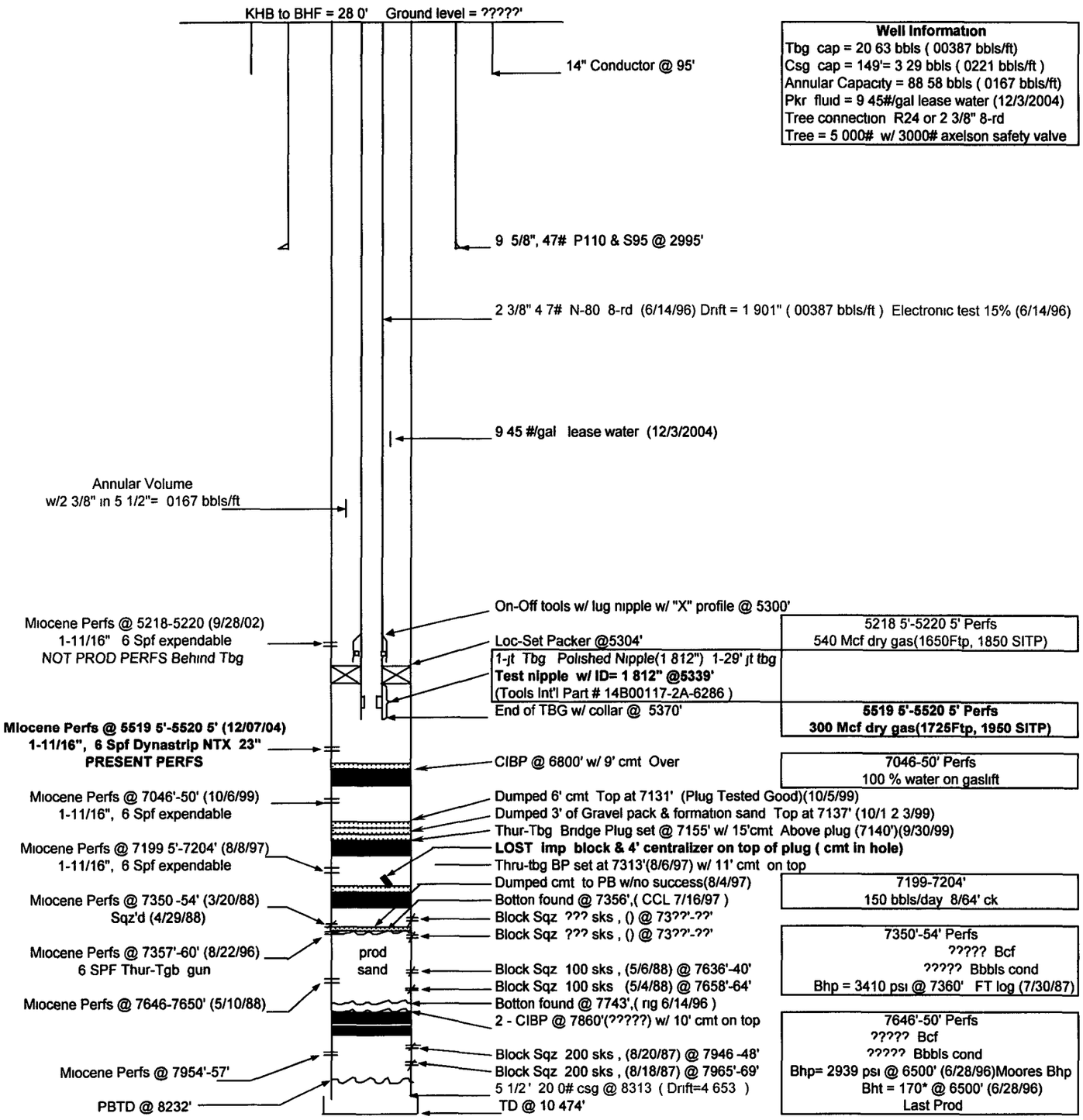
RECEIVED
DEPT OF CONSERVATION
WELL RECORDS
BATON ROUGE, LA
2005 MAR -8 AM 8: 33

Hayes Unit 1 #1

HAYES FIELD
Serial # 206344
December 8 2004

KHB to BHF = 28 0' Ground level = ?????'

Well Information
Tbg cap = 20 63 bbls (00387 bbls/ft)
Csg cap = 149'= 3 29 bbls (0221 bbls/ft)
Annular Capacity = 88 58 bbls (0167 bbls/ft)
Pkr fluid = 9 45#/gal lease water (12/3/2004)
Tree connection R24 or 2 3/8" 8-rd
Tree = 5 000# w/ 3000# axelson safety valve



RECEIVED
FEB 28 2005
OFFICE OF CONSERVATION
LAFAYETTE DISTRICT

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN9960

Serial Num 206344 **Date** July 9, 2008	**Operator** United World Energy Corp. **Id** U015
Lease Name VUA;HAYES U1 # 001	**Address** 2006 Ambassador Caffery Pkwy
Section: 019 **Township:** 11S **Range:** 05W	Lafayette , LA 70506-0000
Parish JEFFERSON DAVIS	**Phone**
Field Hayes Id: 4439	**Contact** Wayne Landry

A. INSPECTION REASON

Periodic **Complaint #** **Order #**

B. FACILITY TYPE

Multi Lease **Commingled:** N **Permit no.** **Oil** N **Gas** N **Both** Y

C. WELL SITE

1. **IDENTIFICATION** Passed
2. **CONDITION** Passed

Violations:

Well Site Comments:

D. TANK BATTERY

1. **IDENTIFICATION** Passed

Violations:

2. **CONTAINMENT** Passed **Type** **Reference well:**

Violations:

3. **BLEEDERS** **Exist:** N/A Passed

Violations:

4. **PIPELINE SALES VALVES** Passed Transport

Violations:

5. **B S & W VALVES** Passed

Violations:

6. **MECHANICAL ARRANGEMENT** Passed

Violations:

7. **STRUCTURAL INTEGRITY OF STORAGE TANKS** Passed

Violations:

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN9960

8. VENTING OF STORAGE TANK Passed

Violations:

Tank Battery Comments:

E. FIRE HAZARD Passed

Violations:

Fire Comments:

F. DISCHARGE OF E&P Passed

Violations:

Discharge Status:

Discharge Comments:

G. DISPOSITION OF E&P

Site Id **Permit No:**

H. EXISTENT PITS No **I. NO. OF WELLS ON LEASE**

REMARKS

THE OPERATOR'S REPRESENTATIVE SHALL SIGN THIS REPORT TO ACKNOWLEDGE RECEIPT OF HIS COPY, YOUR SIGNATURE CANNOT BE CONSTRUED AS AN ADMISSION OF GUILT FOR ANY VIOLATIONS CONTAINED IN THIS REPORT.

July 9, 2008 **IN COMPLIANCE Yes** **Sealed**

Operator's Representative

LEO SONNIER July 9, 2008

Conservation Enforcement Agent

Sonris Id: 3416

Latitude (Deg/Min/Sec:) 30 4 51.14 Longitude (Deg/Min/Sec:) 92 54 47.18 GPS Position: SW

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

Serial Num 206344 **Date** May 16, 2011	**Operator** United World Energy Corp. **Id** U015
Lease Name VUA;HAYES U1 # 001	**Address** 2006 Ambassador Caffery Pkwy
Section: 019 **Township:** 11S **Range:** 05W	Lafayette , LA 70506-0000
Parish JEFFERSON DAVIS	**Phone**
Field Hayes Id: 4439	**Contact** Debra Lemoine

A. INSPECTION REASON

Periodic **Complaint #:** **Order #:**

B. FACILITY TYPE

Commingled: N **Permit no.** **Oil:** N **Gas:** N **Both:** N

C. WELL SITE

1. **IDENTIFICATION:** Passed
2. **CONDITION:** Passed

Violation(s):

Well Site Comments:

D. TANK BATTERY

1. **IDENTIFICATION:** Passed

Violation(s):

2. **CONTAINMEN** Passed **Type:** **Reference well:**

Violation(s):

3. **BLEEDERS** **Exist:** N/A Passed

Violation(s):

4. **PIPELINE SALES VALVES:** Passed **Transporter:**

Violation(s):

5. **B S & W VALVES:** Passed

Violation(s):

6. **MECHANICAL ARRANGEMENT:** Passed

Violation(s):

7. **STRUCTURAL INTEGRITY OF STORAGE TANKS** Passed

Violation(s):

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

8. VENTING OF STORAGE TANK Passed

Violation(s):

Tank Battery Comments:

E. FIRE HAZARD Passed

Violation(s):

Fire Comments:

F. DISCHARGE OF E&P Passed

Violation(s):

Discharge Status:

Discharge Comments:

G. DISPOSITION OF E&P

Site Id: **Permit No:**

H. EXISTENT PITS: No **I. NO. OF WELLS ON LEASE:**

REMARKS:

THE OPERATOR'S REPRESENTATIVE SHALL SIGN THIS REPORT TO ACKNOWLEDGE RECEIPT OF HIS COPY, YOUR SIGNATURE CANNOT BE CONSTRUED AS AN ADMISSION OF GUILT FOR ANY VIOLATIONS CONTAINED IN THIS REPORT.

No Witness May 16, 2011 **IN COMPLIANCE** **Yes** **Sealed:** N
Operator's Representative

JOE DURHAM May 16, 2011
Conservation Enforcement Agent

Sonris Id: 315

Latitude (Deg/Min/Sec:) **Longitude (Deg/Min/Sec:)** **GPS Position:**

Correction

29-E COMPLIANCE	YES	NO
29-E UNIT ATTACHED	YES	NO

O.C. USE ONLY

RECEIVED
OCT 21 2013
OFFICE OF CONSERVATION
WELL FILES DIVISION

STATE OF LOUISIANA
OFFICE OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

DISTRICT Lafayette

DATE 10/5/2013 CORRECTED

CODE: NUMBERS

1 – ON-SHORE
3 – OFF-SHORE: 1

027 PARISH Jefferson Davis SEC. 19 T 11S R 5W

4439 FIELD Hayes OC ORDER NO. 29 B, 29 E, 5905

U015 OPERATOR United World Energy Corp

302918 WELL NAME VUA; Hayes U1 NO. 001 SERIAL NO. 206344

RESERVOIR Miocene 8/14/2012 COMPLETION DATE 12:00 TIME ☐ AM ☒ PM

IMPORTANT: IS A FORM MD-10-R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES ☐ NO ☒

REMARKS: Same VUA Unit

COMPLETION DATA

~ TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
2 (1 – ORIG COMP, 2 – RE-COMP)	2 (1 - OIL, 2 - GAS, 3 - DRY GAS)	2 (1 – YES, 2 - NO)	F (F – FLOWING, GL – GAS LIFT, P - PUMPING)	10 (SEE REVERSE SIDE FOR CODE)

~ IF THIS IS A RE-COMPLETION SPECIFY: SAME RESERVOIR ☐ DIFFERENT RESERVOIR ☒

INITIAL PROD.	GAS VOLUME	FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE
5 BOPD	18 MCF/DAY	880 PSIG	1200 PSIG	350 PSIG

CHOKE SIZE		WATER PROD.	BS & W	GOR	GRAVITY
6.5 /64"	2 (1 – POSITIVE, 2 – ADJUST)	8 BPD	61.5 %	3600/1 CF/BBL	42.3 API AT 60° F

PERFORATIONS 5218-5220' TOTAL DEPTH 10,474'

CLEARANCE & CERTIFICATION: _____ MCF

ADDITIONAL CLEARANCE IS REQUESTED FOR _____ BBLS. OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST: (SEE SECTION X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE).

RECEIVED
OCT 11 2013
OFFICE OF CONSERVATION
LAFAYETTE DISTRICT

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

SIGNATURE

United World Energy Corp
OPERATOR

President
TITLE

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITHIN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1).

FORM COMP (REV 1 78)

correction

OFFICE OF CONSERVATION
WELL HISTORY AND WORK RESUME REPORT

FIELD: HAYES (4439) — CORRECTED

SERIAL NO 206344

RECEIVED

PRODUCING INTERVAL 5218-5220

OCT 21 2013

RESERVOIR (COMPANY SAND IDENTIFICATION)

OFFICE OF CONSERVATION
WELL FILES DIVISION

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion NOTE: If not properly completed and signed, this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES
- [ ] NEW WELL
- [x] RECOMPLETION
- [ ] P & A

- [ ] 31 INACTIVE DRY HOLE FUT. UTIL.
- [ ] 32 INACTIVE DRY HOLEL NO FUT. UTIL.
- [ ] 36 INACTIVE WAITING ON PIPELINE
- [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT
- [ ] OIL
- [x] GAS
- [ ] OTHER

IF RECOMPLETION
- [ ] SAME RESERVOIR
- [x] DIFFERENT RESERVOIR

DATE COMP., RECOMP. OR P & A (M D Y): 8/14/12

OPERATOR: UNITED WORLD ENERGY CORP. CODE: U015 ADDRESS: 2006 AMBASSADOR CAFFERY PARWAY, Lafayette, La. 70506

WELL NAME: VUA; HAYES U1 WELL NO: 1

PARISH: Jefferson Davis SEC 19 TWP. 11S RGE. 5W DATE PERMIT ISSUED: 8/6/2012

DATE SPUDDED (M D Y): 8/7/2012 DATE READY TO PRODUCE*: 8/14/2012 TOTAL DEPTH: 10,474' PBTD: 5230'

GROUND ELEVATION: CASING HEAD FLANGE ELEVATION: DISTANCE FROM RKB TO CHF: 28.0'

DATE WELL TURNED INTO TANKS: 8/14/12 SINGLE, DUAL OR TRIPLE COMPLETION?: Single NOTE IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?: No WAS DIRECTIONAL SURVEY MADE?: No WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION? DATE FILED:

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION) DATE FILED:

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101	14	Driven		0	95					
102	9.625	12.250	47	0	2995	1175	1000	1/2	7/18/87	Russel Olivier
103	5.500	8.500	20	0	8313	1792	3000	1/2	8/18/87	Russel Olivier
104										
105										

TUBING SIZE 2.375 DEPTH OF TUBING 5225' DEPTH OF PACKER(S) 4210'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION -5- BOPD GAS VOLUME -18- MCF/DAY GOR 3600 CF/BBL CHOKE SIZE 6.5 /64" PRODUCING METHOD flowing

FLOWING TUBING PRESSURE 880 psig SHUT-IN TUBING PRESSURE 1200 psig CASING PRESSURE 0 WATER PRODUCTION -8- BPD BS&W 61.5 %

GRAVITY 42.3 API-60□F BHP (SHUT-IN) psig COMPANY REPRESENTATIVE Robert Fruge DATE GAUGED 8/15/12

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENTOR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state: That I am employed by United World Energy Corp and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: _____ Title: President

Date well is equipped to produce but due to no available market, no pipe line connection, etc., the well has been shut-in

FORM WH-1(9-09)

RECEIVED

OCT 11 2013

OFFICE OF CONSERVATION
LAFAYETTE DISTRICT

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L#1144-12	8/10/2012	GE Oil & Gas Wireline	Set CIBP @ 5225';
	8/13/2012	Grosse Tete well service	Set Gravel Pack and packed EXISTING perfs at 5218-5220'

RECEIVED
OCT 21 2013
OFFICE OF CONSERVATION
WELL FILES DIVISION

For hydraulically fractured wells, list below all water sources and corresponding water volumes used in drilling, completion, stimulation and workover operations. (Direct questions to Mr. Robert Romero: (225) 342-8242)

GROUND WATER SOURCE WELL # (DOTD or DNR #)	OTHER WATER SOURCE (Name of surface water body, public supply, etc)	DRILLING RIG SUPPLY VOLUME (gal)	STIMULATION VOLUME (gal) (hydraulic fracturing)	OTHER VOLUME (gal)
TOTAL GROUND WATER VOLUME USED (gal)				

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH		FORMATION	DEPTH

29-E COMPLIANCE	YES	NO
29-E UNIT ATTACHED	YES	NO

O.C. USE ONLY

STATE OF LOUISIANA
OFFICE OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

RECEIVED
OCT 10 2012
OFFICE OF CONSERVATION
WELL FILES DIVISION

DISTRICT Lafayette

DATE 9/19/2012

1 – ON-SHORE
3 – OFF-SHORE: 1

CODE: NUMBERS

027 PARISH Jefferson Davis SEC. 19 T 11S R 5W

4439 FIELD Hayes OC ORDER NO. 29B, 29E, 590 Gas

U015 OPERATOR United World Energy Corp

302918 WELL NAME VUA; Hayes U1 NO. 001 SERIAL NO. 206344

RESERVOIR Miocene 8/14/2012 COMPLETION DATE 12:00 TIME AM ☐ PM ☒

IMPORTANT: IS A FORM MD-10-R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES ☐ NO ☒

REMARKS: Same Unit.

COMPLETION DATA

~ TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
1 – ORIG COMP 2 – RE-COMP **1**	1 - OIL 2 - GAS 3 – DRY GAS **1**	1 – YES 2 - NO **1**	F – FLOWING GL – GAS LIFT P - PUMPING **F**	SEE REVERSE SIDE FOR CODE **10**

~ IF THIS IS A RE-COMPLETION SPECIFY: SAME RESERVOIR ☐ DIFFERENT RESERVOIR ☒

INITIAL PROD.	GAS VOLUME	FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE
5 BOPD	N/A MCF/DAY	880 PSIG	1200 PSIG	350 PSIG

CHOKE SIZE		WATER PROD.	BS & W	GOR	GRAVITY
6.5 /64"	2 (1 – POSITIVE, 2 – ADJUST)	8 BPD	61.5 %	N/A CF/BBL	42.3 API AT 60° F

PERFORATIONS 5218-5220' TOTAL DEPTH 10,474'

CLEARANCE & CERTIFICATION: _____ MCF

ADDITIONAL CLEARANCE IS REQUESTED FOR _____ BBLS. OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST: (SEE SECTION X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE).

RECEIVED
OCT 09 2012
OFFICE OF CONSERVATION
LAFAYETTE DISTRICT

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITHIN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1).

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

Donna Richard
SIGNATURE

United World Energy Corp
OPERATOR

Consultant
TITLE

FORM COMP (REV 1 78)

OFFICE OF CONSERVATION
WELL HISTORY AND WORK RESUME REPORT

FIELD: HAYES (4439)

SERIAL NO. 206344

PRODUCING INTERVAL 5218-5220

RESERVOIR (COMPANY SAND IDENTIFICATION): MIOCENE

RECEIVED OCT 10 2012 OFFICE OF CONSERVATION WELL FILES DIVISION

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed, this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES: [ ] NEW WELL [X] RECOMPLETION [ ] P & A

[ ] 31 INACTIVE DRY HOLE FUT. UTIL. [ ] 32 INACTIVE DRY HOLEL NO FUT. UTIL. [ ] 36 INACTIVE WAITING ON PIPELINE [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT: [X] OIL [ ] GAS [ ] OTHER

IF RECOMPLETION: [ ] SAME RESERVOIR [X] DIFFERENT RESERVOIR

DATE COMP., RECOMP. OR P & A (M D Y): 8/14/12

OPERATOR: UNITED WORLD ENERGY CORP. CODE: U015 ADDRESS: 2006 AMBASSADOR CAFFERY PARWAY, Lafayette, La. 70506

WELL NAME: VUA; HAYES U1 WELL NO: 001

PARISH: Jefferson Davis SEC. 19 TWP. 11S RGE. 5W DATE PERMIT ISSUED: 8/6/2012

DATE SPUDDED (M D Y): 8/7/2012 DATE READY TO PRODUCE*: 8/14/2012 TOTAL DEPTH: 10,474' PBTD: 5230'

GROUND ELEVATION: CASING HEAD FLANGE ELEVATION: DISTANCE FROM RKB TO CHF: 28.0'

DATE WELL TURNED INTO TANKS: 8/14/12 SINGLE, DUAL OR TRIPLE COMPLETION?: Single NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?: No WAS DIRECTIONAL SURVEY MADE?: No WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION? DATE FILED:

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION) DATE FILED:

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101	14	Driven		0	95					
102	9.625	12.250	47	0	2995	1175	1000	1/2	7/18/87	Russel Olivier
103	5.500	8.500	20	0	8313	1792	3000	1/2	8/18/87	Russel Olivier
104										
105										

TUBING SIZE: 2.375 DEPTH OF TUBING: 5225' DEPTH OF PACKER(S): 4210'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: -5- BOPD GAS VOLUME: -0- MCF/DAY GOR: n/a CF/BBL CHOKE SIZE: 6.5 /64" PRODUCING METHOD: flowing

FLOWING TUBING PRESSURE: 880 psig SHUT-IN TUBING PRESSURE: 1200 psig CASING PRESSURE: 0 WATER PRODUCTION: -8- BPD BS&W: 61.5 %

GRAVITY: 42.3 API-60DF BHP (SHUT-IN): psig COMPANY REPRESENTATIVE: Robert Fruge DATE GAUGED: 8/15/12

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENTOR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state: That I am employed by United World Energy Corp and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: Donna Richard Title: Consultant

RECEIVED OCT 09 2012 OFFICE OF CONSERVATION LAFAYETTE DISTRICT

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc., the well has been shut-in.

FORM WH-1(9-09)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L#1144-12	8/10/2012	GE Oil & Gas Wireline	Set CIBP @ 5225';
	8/13/2012	Grosse Tete well service	Set Gravel Pack and packed EXISTING perfs at 5218-5220'

RECEIVED
OCT 13 2012
OFFICE OF CONSERVATION
WELL FILES DIVISION

For hydraulically fractured wells, list below all water sources and corresponding water volumes used in drilling, completion, stimulation and workover operations. (Direct questions to Mr. Robert Romero: (225) 342-8242)

GROUND WATER SOURCE WELL # (DOTD or DNR #)	OTHER WATER SOURCE (Name of surface water body, public supply, etc.)	DRILLING RIG SUPPLY VOLUME (gal)	STIMULATION VOLUME (gal) (hydraulic fracturing)	OTHER VOLUME (gal)
TOTAL GROUND WATER VOLUME USED (gal)				

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH		FORMATION	DEPTH

206344

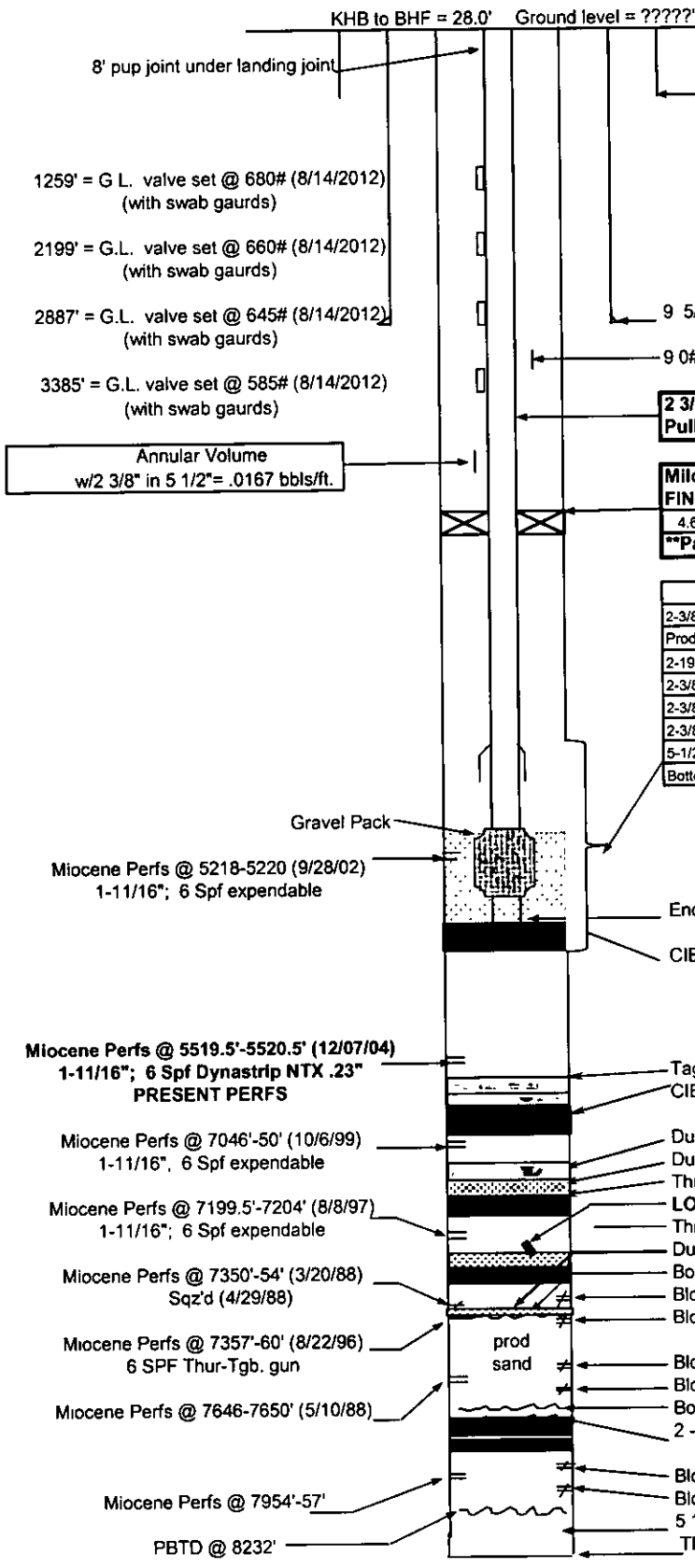
RECEIVED
OCT 10 2012
OFFICE OF CONSERVATION
WELL FILES DIVISION

Hayes Unit 1 #1

HAYES FIELD
Serial # 206344
August 14, 2012
Final

KHB to BHF = 28.0' Ground level = ?????'

Well Information
Tbg. cap = 20.63 bbls (.00387 bbls/ft)
Csg. cap = 149'= 3.29 bbls (.0221 bbls/ft.)
Annular Capacity = 88.58 bbls (.0167 bbls/ft)
Pkr. fluid = 9.45#/gal lease water (12/3/2004)
Tree connection: R24 or 2 3/8" 8-rd
Casing Conn: 7 1/16 5,000
Tree = 5,000# w/ 3000# axelson safety valve



2 3/8";4.7#; N-80, 8-rd (6/14/96) Drift = 1.901" (.00387 bbls/ft.)
Pulled from Hayes #3 5/2012 tested 4,000 psi

Milcore msnap 2 compression pkr (sets @ 5000#) @ 4210'
FINAL wt. on packer 10,000# (8/14/2012)

4.625 OD	1.995 ID	6' long

****Packer need min 7500# on top and Min 1500 below Snapset****

	OD	ID	Length	Depth
2-3/8" 8rd Production Overshot	4 500	2 000	4 00	5,159.50
Production Overshot is 3' Over Hook Up Nip				5,163.50
2-19/32" Polished Hook Up Nipple	2 563	1.995	6.00	5,156 00
2-3/8" 8rd Centralized Blank Pipe	2 375	1.995	31.50	5,162 00
2-3/8" 10rd .008 Gauge Screen 20' Wrap	2 375	1 995	31 50	5,193.50
2-3/8" 10rd Bull Plug	2.375	N/A	0.50	5,225.00
5-1/2" 13-23# Wireline Set Cast Iron Bndge	4 312	N/A	2 00	5,225.50
Bottom of Bridge Plug				5,230 00

5218.5'-5220.5' Perfs
540 Mcf dry gas(1650Ftp, 1850 SITP)

5519.5'-5520.5' Perfs
300 Mcf dry gas(1725Ftp, 1950 SITP)

7046-50' Perfs
100 % water on gaslift

7199-7204'
150 bbls/day 8/64' ck

7350'-54' Perfs
????? Bcf
????? Bbbls cond
Bhp = 3410 psi @ 7360' FT log (7/30/87)

7646'-50' Perfs
????? Bcf
????? Bbbls cond
Bhp= 2939 psi @ 6500' (6/28/96)Moores Bhp
Bht = 170° @ 6500' (6/28/96)
Last Prod

RECEIVED
SEP 19 2012
OFFICE OF CONSERVATION
LAFAYETTE DISTRICT

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

Serial Num 206344 **Date** November 9, 2012	**Operator** United World Energy Corp. **Id** U015
Lease Name VUA;HAYES U1 # 001	**Address** 2006 Ambassador Caffery Pkwy
Section: 019 **Township:** 11S **Range:** 05W	Lafayette , LA 70506-0000
Parish JEFFERSON DAVIS	**Phone**
Field Hayes Id: 4439	**Contact** Wayne Landry

A. INSPECTION REASON

Periodic **Complaint #:** **Order #:**

B. FACILITY TYPE

Multi Lease **Commingled:** N **Permit no.** **Oil:** N **Gas:** N **Both:** Y

C. WELL SITE

1. **IDENTIFICATION:** Passed
2. **CONDITION:** Passed

Violation(s):

Well Site Comments:

D. TANK BATTERY

1. **IDENTIFICATION:** Passed

Violation(s):

2. **CONTAINMEN** Passed **Type:** 100% Capacity **Reference well:** 970423

Violation(s):

3. **BLEEDERS** **Exist:** N/A Passed

Violation(s):

4. **PIPELINE SALES VALVES:** Passed **Transporter:**

Violation(s):

5. **B S & W VALVES:** Passed

Violation(s):

6. **MECHANICAL ARRANGEMENT:** Passed

Violation(s):

7. **STRUCTURAL INTEGRITY OF STORAGE TANKS** Passed

Violation(s):

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

8. VENTING OF STORAGE TANK Passed

Violation(s):

Tank Battery Comments:

E. FIRE HAZARD Passed

Violation(s):

Fire Comments:

F. DISCHARGE OF E&P Passed

Violation(s):

Discharge Status:

Discharge Comments:

G. DISPOSITION OF E&P

Site Id: **Permit No:**

H. EXISTENT PITS: No **I. NO. OF WELLS ON LEASE:**

REMARKS:

THE OPERATOR'S REPRESENTATIVE SHALL SIGN THIS REPORT TO ACKNOWLEDGE RECEIPT OF HIS COPY, YOUR SIGNATURE CANNOT BE CONSTRUED AS AN ADMISSION OF GUILT FOR ANY VIOLATIONS CONTAINED IN THIS REPORT.

No Witness November 9, 2012 **IN COMPLIANCE** **Yes** **Sealed:** N
Operator's Representative

LEO SONNIER November 9, 2012
Conservation Enforcement Agent

Sonris Id: 823

Latitude (Deg/Min/Sec:) **Longitude (Deg/Min/Sec:)** **GPS Position:**

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

Serial Num 206344 **Date** January 24, 2013	**Operator** United World Energy Corp. **Id** U015
Lease Name VUA;HAYES U1 # 001	**Address** 2006 Ambassador Caffery Pkwy
Section: 019 **Township:** 11S **Range:** 05W	Lafayette , LA 70506-0000
Parish JEFFERSON DAVIS	**Phone**
Field Hayes Id: 4439	**Contact** Wayne Landry

A. INSPECTION REASON

Periodic **Complaint #:** **Order #:**

B. FACILITY TYPE

Multi Lease **Commingled:** N **Permit no.** **Oil:** N **Gas:** N **Both:** Y

C. WELL SITE

1. **IDENTIFICATION:** Passed
2. **CONDITION:** Passed

Violation(s):

Well Site Comments:

D. TANK BATTERY

1. **IDENTIFICATION:** Passed

Violation(s):

2. **CONTAINMEN** Passed **Type:** 100% Capacity **Reference well:**

Violation(s):

3. **BLEEDERS** **Exist:** N/A Passed

Violation(s):

4. **PIPELINE SALES VALVES:** Passed **Transporter:**

Violation(s):

5. **B S & W VALVES:** Passed

Violation(s):

6. **MECHANICAL ARRANGEMENT:** Passed

Violation(s):

7. **STRUCTURAL INTEGRITY OF STORAGE TANKS** Passed

Violation(s):

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

8. VENTING OF STORAGE TANK Passed

Violation(s):

Tank Battery Comments:

E. FIRE HAZARD Passed

Violation(s):

Fire Comments:

F. DISCHARGE OF E&P Passed

Violation(s):

Discharge Status:

Discharge Comments:

G. DISPOSITION OF E&P

Site Id: **Permit No:**

H. EXISTENT PITS: No **I. NO. OF WELLS ON LEASE:**

REMARKS:

THE OPERATOR'S REPRESENTATIVE SHALL SIGN THIS REPORT TO ACKNOWLEDGE RECEIPT OF HIS COPY, YOUR SIGNATURE CANNOT BE CONSTRUED AS AN ADMISSION OF GUILT FOR ANY VIOLATIONS CONTAINED IN THIS REPORT.

No Witness January 24, 2013 **IN COMPLIANCE** **Yes** **Sealed:** N
Operator's Representative

LEO SONNIER January 24, 2013
Conservation Enforcement Agent

Sonris Id: 951

Latitude (Deg/Min/Sec:) **Longitude (Deg/Min/Sec:)** **GPS Position:**

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

Subject: 206344

Photo File Name: F-480202524/IMG_0106.JPG

29-E COMPLIANCE	YES	NO
29-E UNIT ATTACHED	YES	NO

O.C. USE ONLY

STATE OF LOUISIANA
OFFICE OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

RECEIVED
JAN 03 2014
OFFICE OF CONSERVATION
WELL FILES DIVISION

DISTRICT Lafayette

DATE 12/11/2013

CODE: NUMBERS

1 – ON-SHORE
3 – OFF-SHORE: 1

027 PARISH Jefferson Davis SEC. 19 T 11S R 5W

4439 FIELD Hayes OC ORDER NO. 29B, 29E, 59052

U015 OPERATOR United World Energy Corporation

302918 WELL NAME VUA; Hayes U1 NO. 001 SERIAL NO. 206344

RESERVOIR Miocene 12/07/2013 COMPLETION DATE 06:30 TIME AM ☒ PM ☐

IMPORTANT: IS A FORM MD-10-R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES ☐ NO ☒

REMARKS: Same VUA Unit.

COMPLETION DATA

~ TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
2 (1 – ORIG COMP, 2 – RE-COMP)	2 (1 - OIL, 2 - GAS, 3 – DRY GAS)	2 (1 – YES, 2 - NO)	F (F – FLOWING, GL – GAS LIFT, P - PUMPING)	10 (SEE REVERSE SIDE FOR CODE)

~ IF THIS IS A RE-COMPLETION SPECIFY: SAME RESERVOIR ☒ DIFFERENT RESERVOIR ☐

-0- BOPD	404 MCF/DAY	1440 PSIG	N/A PSIG	1500 PSIG
INITIAL PROD.	GAS VOLUME	FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE

7 /64"	2 (1 – POSITIVE, 2 – ADJUST)	44 BPD	100 %	N/A CF/BBL	N/A API AT 60° F
CHOKE SIZE		WATER PROD.	BS & W	GOR	GRAVITY

PERFORATIONS 5519'-5521 TOTAL DEPTH 10,474'

CLEARANCE & CERTIFICATION: 1721 MCF

ADDITIONAL CLEARANCE IS REQUESTED FOR _____ BBLS. OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST: (SEE SECTION X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE).

RECEIVED
DEC 17 2013
OFFICE OF CONSERVATION
DISTRICT

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITHIN IN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1).

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

SIGNATURE

United World Energy Corp
OPERATOR

Consultant
TITLE

FORM COMP (REV. 1 78)

OFFICE OF CONSERVATION
WELL HISTORY AND WORK RESUME REPORT

FIELD: HAYES (4439)

SERIAL NO. 206344

PRODUCING INTERVAL 5519-5221'

RESERVOIR (COMPANY SAND IDENTIFICATION): MIOCENE

RECEIVED
JAN 03 2014
OFFICE OF CONSERVATION
WELL FILES DIVISION

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed, this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES
- [ ] NEW WELL
- [x] RECOMPLETION
- [ ] P & A

- [ ] 31 INACTIVE DRY HOLE FUT. UTIL.
- [ ] 32 INACTIVE DRY HOLEL NO FUT. UTIL.
- [ ] 36 INACTIVE WAITING ON PIPELINE
- [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT
- [ ] OIL
- [x] GAS
- [ ] OTHER

IF RECOMPLETION
- [x] SAME RESERVOIR
- [ ] DIFFERENT RESERVOIR

DATE COMP., RECOMP. OR P & A (M D Y): 12/07/2013

OPERATOR: UNITED WORLD ENERGY CORPoratou — CODE: U015

ADDRESS: 2006 AMBASSADOR CAFFERY PARWAY, Lafayette, La. 70506

WELL NAME: VUA; HAYES U1 — WELL NO: 1

PARISH: Jefferson Davis — SEC. 19 TWP. 11S RGE. 5W

DATE PERMIT ISSUED: 10/28/2013

DATE SPUDDED (M D Y): — DATE READY TO PRODUCE*: 12/07/2013

TOTAL DEPTH: 10,474' — PBTD: 5526'

GROUND ELEVATION: — CASING HEAD FLANGE ELEVATION: — DISTANCE FROM RKB TO CHF: 28.0'

DATE WELL TURNED INTO TANKS: 12/7/13 — SINGLE, DUAL OR TRIPLE COMPLETION?: Single — NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?: No — WAS DIRECTIONAL SURVEY MADE?: No — WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION? — DATE FILED:

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION) — DATE FILED:

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101	14	Driven		0	95					
102	9.625	12.250	47	0	2995	1175	1000	1/2	7/18/87	Russel Olivier
103	5.500	8.500	20	0	8313	1792	3000	1/2	8/18/87	Russel Olivier
104										
105										

TUBING SIZE: 2.375 — DEPTH OF TUBING: 5526' — DEPTH OF PACKER(S): 5449'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: -0- BOPD — GAS VOLUME: 404 MCF/DAY — GOR: 0 CF/BBL — CHOKE SIZE: 7 /64" — PRODUCING METHOD: flowing

FLOWING TUBING PRESSURE: 1440 psig — SHUT-IN TUBING PRESSURE: N/A psig — CASING PRESSURE: 1500 — WATER PRODUCTION: -0- BPD — BS&W: 100 %

GRAVITY: N/A API-60□F — BHP (SHUT-IN): psig — COMPANY REPRESENTATIVE: Robert Fruge — DATE GAUGED: 12/7/13

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENTOR OFFSET OPERATOR

RECEIVED
DEC 17 2013
OFFICE OF CONSERVATION
LAFAYETTE DISTRICT

CERTIFICATE: I, the undersigned, state: That I am employed by United World Energy Corp and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: _____ Title: President

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc., the well has been shut-in.

FORM WH-1(9-09)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L#1502-13	11/07/2013	Baker	Squeeze perfs at 5218-20'
	12/02/2013	Precision Wireline	Re-perf @ 5519-5521'
	12/03/2013	Grosse Tete well service	Set Gravel Pack and packed EXISTING perfs at 5519-5521'

RECEIVED
JAN 03 2014
OFFICE OF CONSERVATION
WELL FILES DIVISION

For hydraulically fractured wells, list below all water sources and corresponding water volumes used in drilling, completion, stimulation and workover operations. (Direct questions to Mr. Robert Romero: (225) 342-8242)

GROUND WATER SOURCE WELL # (DOTD or DNR #)	OTHER WATER SOURCE (Name of surface water body, public supply, etc.)	DRILLING RIG SUPPLY VOLUME (gal)	STIMULATION VOLUME (gal) (hydraulic fracturing)	OTHER VOLUME (gal)
TOTAL GROUND WATER VOLUME USED (gal)				

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

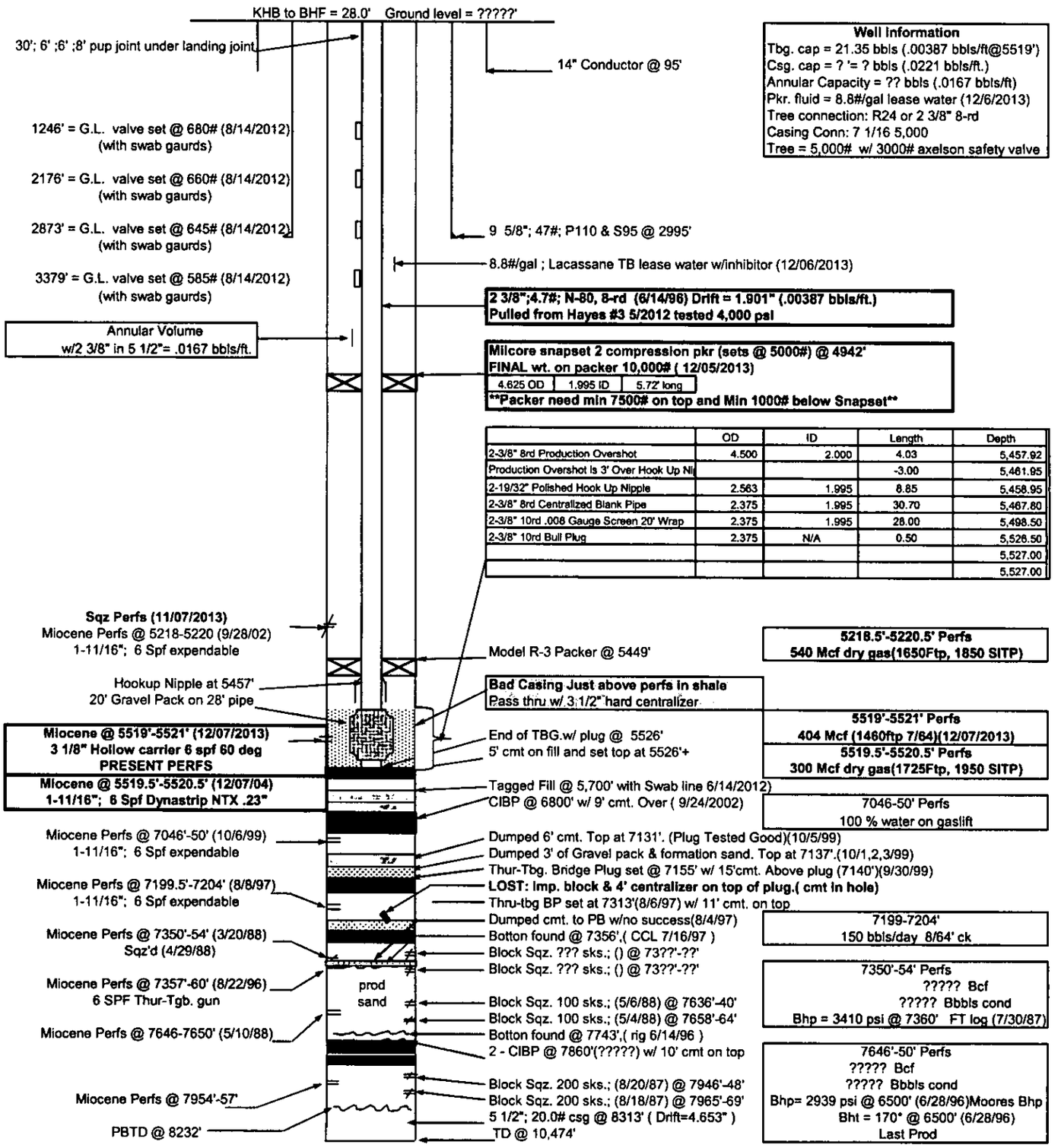
FORMATION	DEPTH	FORMATION	DEPTH

RECEIVED
JAN 03 2014
OFFICE OF CONSERVATION
WELL FILES DIVISION

Hayes Unit 1 #1

HAYES FIELD
Serial # 206344
December 6, 2013
Final

KHB to BHF = 28.0' Ground level = ?????'



	OD	ID	Length	Depth
2-3/8" 8rd Production Overshot	4.500	2.000	4.03	5,457.92
Production Overshot is 3' Over Hook Up Ni			-3.00	5,461.95
2-19/32" Polished Hook Up Nipple	2.563	1.995	8.85	5,458.95
2-3/8" 8rd Centralized Blank Pipe	2.375	1.995	30.70	5,467.80
2-3/8" 10rd .008 Gauge Screen 20' Wrap	2.375	1.995	28.00	5,498.50
2-3/8" 10rd Bull Plug	2.375	N/A	0.50	5,526.50
				5,527.00
				5,527.00

Well Information
Tbg. cap = 21.35 bbls (.00387 bbls/ft@5519')
Csg. cap = ? '= ? bbls (.0221 bbls/ft.)
Annular Capacity = ?? bbls (.0167 bbls/ft)
Pkr. fluid = 8.8#/gal lease water (12/6/2013)
Tree connection: R24 or 2 3/8" 8-rd
Casing Conn: 7 1/16 5,000
Tree = 5,000# w/ 3000# axelson safety valve

RECEIVED
DEC 17 2013
OFFICE OF CONSERVATION
LAFAYETTE DISTRICT

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

Serial Num 206344 **Date** May 22, 2014	**Operator** United World Energy Corporation **Id** U015
Lease Name VUA;HAYES U1 # 001	**Address** 2006 Ambassador Caffery Pkwy
Section: 019 **Township:** 11S **Range:** 05W	Lafayette , LA 70506-0000
Parish JEFFERSON DAVIS	**Phone**
Field Hayes Id: 4439	**Contact** Wayne Landry

A. INSPECTION REASON

Periodic **Complaint #:** **Order #:**

B. FACILITY TYPE

Single Lease **Commingled:** N **Permit no.** **Oil:** N **Gas:** N **Both:** Y

C. WELL SITE

1. **IDENTIFICATION:** Passed
2. **CONDITION:** Passed

Violation(s):

Well Site Comments:

D. TANK BATTERY

1. **IDENTIFICATION:** Passed

Violation(s):

2. **CONTAINMEN** Passed **Type:** 100% Capacity **Reference well:**

Violation(s):

3. **BLEEDERS** **Exist:** N/A Passed

Violation(s):

4. **PIPELINE SALES VALVES:** Passed **Transporter:**

Violation(s):

5. **B S & W VALVES:** Passed

Violation(s):

6. **MECHANICAL ARRANGEMENT:** Passed

Violation(s):

7. **STRUCTURAL INTEGRITY OF STORAGE TANKS** Passed

Violation(s):

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

8. VENTING OF STORAGE TANK Passed

Violation(s):

Tank Battery Comments:

E. FIRE HAZARD Passed

Violation(s):

Fire Comments:

F. DISCHARGE OF E&P Passed

Violation(s):

Discharge Status:

Discharge Comments:

G. DISPOSITION OF E&P

Site Id: **Permit No:**

H. EXISTENT PITS: No **I. NO. OF WELLS ON LEASE:**

REMARKS:

THE OPERATOR'S REPRESENTATIVE SHALL SIGN THIS REPORT TO ACKNOWLEDGE RECEIPT OF HIS COPY, YOUR SIGNATURE CANNOT BE CONSTRUED AS AN ADMISSION OF GUILT FOR ANY VIOLATIONS CONTAINED IN THIS REPORT.

No Witness May 22, 2014 **IN COMPLIANCE** **Yes** **Sealed:** N
Operator's Representative

LEO SONNIER May 22, 2014
Conservation Enforcement Agent

Sonris Id: 3

Latitude (Deg/Min/Sec:) **Longitude (Deg/Min/Sec:)** **GPS Position:**

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

Subject: 206344

Photo File Name: F395465312/483.JPG

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

Serial Num 206344 **Date** August 24, 2015	**Operator** United World Energy Corporation **Id** U015
Lease Name VUA;HAYES U1 # 001	**Address** 2006 Ambassador Caffery Pkwy
Section: 019 **Township:** 11S **Range:** 05W	Lafayette , LA 70506-0000
Parish JEFFERSON DAVIS	**Phone**
Field Hayes Id: 4439	**Contact** Wayne Landry/Donna Marquette

A. INSPECTION REASON

Periodic **Complaint #:** **Order #:**

B. FACILITY TYPE

Multi Lease **Commingled:** N **Permit no.** **Oil:** N **Gas:** N **Both:** Y

C. WELL SITE

1. **IDENTIFICATION:** Passed 2. **CONDITION:** Passed

Violation(s):

Well Site Comments:

D. TANK BATTERY

1. **IDENTIFICATION:** Passed

Violation(s):

2. **CONTAINMEN** Passed **Type:** 100% Capacity **Reference well:**

Violation(s):

3. **BLEEDERS** **Exist:** N/A Passed

Violation(s):

4. **PIPELINE SALES VALVES:** Passed **Transporter:**

Violation(s):

5. **B S & W VALVES:** Passed

Violation(s):

6. **MECHANICAL ARRANGEMENT:** Passed

Violation(s):

7. **STRUCTURAL INTEGRITY OF STORAGE TANKS** Passed

Violation(s):

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

8. VENTING OF STORAGE TANK Passed

Violation(s):

Tank Battery Comments:

E. FIRE HAZARD Passed

Violation(s):

Fire Comments:

F. DISCHARGE OF E&P Passed

Violation(s):

Discharge Status:

Discharge Comments:

G. DISPOSITION OF E&P

Site Id: **Permit No:**

H. EXISTENT PITS: No **I. NO. OF WELLS ON LEASE:**

REMARKS:

THE OPERATOR'S REPRESENTATIVE SHALL SIGN THIS REPORT TO ACKNOWLEDGE RECEIPT OF HIS COPY, YOUR SIGNATURE CANNOT BE CONSTRUED AS AN ADMISSION OF GUILT FOR ANY VIOLATIONS CONTAINED IN THIS REPORT.

No Witness August 24, 2015 **IN COMPLIANCE** **Yes** **Sealed:** N
Operator's Representative

LEO SONNIER August 24, 2015
Conservation Enforcement Agent

Sonris Id: 387

Latitude (Deg/Min/Sec:) 30 4 52 Longitude (Deg/Min/Sec:) 92 54 48 GPS Position: SW

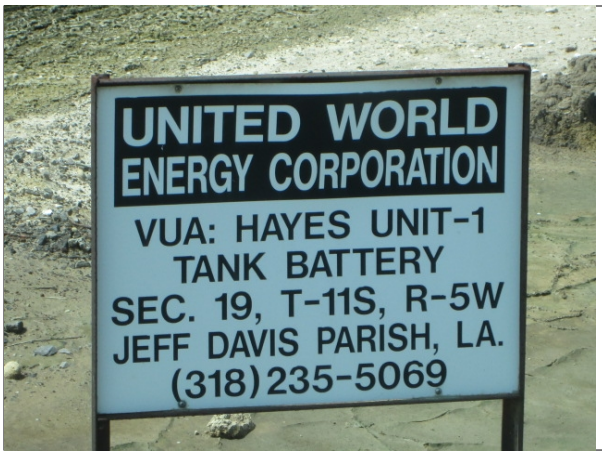
LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

Subject: 206344

Photo File Name: F1534905659/IMG_0001.JPG



Subject: 206344

Photo File Name: F1711104866/IMG_0002.JPG

Company: JEFF SMITH			
Well: WHITE PROPERTIES NO. 1			
Field:			
County:			
State:			
Date:			
Time:			
Operator:			
Recorded By:			
Witnessed By:			

CONFIDENTIAL

Top Logged Interval	0
Bottom Logged Interval	10,000
Last Casing Size	7
Last Casing Depth	7,000
Last Casing Weight	23
Last Casing Type	7
Hole Fluid	WATER
Hole Fluid Weight	8.4
Hole Fluid Viscosity	28
Hole Fluid Resistivity	0.5
Hole Fluid Temperature	70
Hole Fluid Source	
Recorded Resistivity	
Recorded Temperature	
Max Rec. Temperature	
Equipment Number	7
Location	
Recorded By	
Witnessed By	

DIGITAL INDUCTION-SFL COMPENSATED NEUTRON-LITHO DENSITY

COMPANY: THE TEXAS PETROLEUM COMPANY

WELL: WHITE PROPERTIES NO. 1

FIELD:

COUNTY: JEFF DAVIS

STATE: TEXAS

LOCATION:

OTHER SERVICES:

PERMANENT DATUM: GROUND LEVEL

ELEVATION: K.B. 4,500 D.F. 4,499 G.L. 4,489

LOG MEASURED FROM: K.B. 11 FEET ABOVE PERMANENT DATUM

DRILLING MEASURED FROM: K.B.

APIWELL NO.: 42-243-30878

Permanent Datum: GL

Log Measured From: KB 11 Above Perm. Datum

Drilling Measured From: KB

Date	30-JUL-87
Run Number	ONE
Depth Driller	7000
Depth Logger	7000
Bottom Logged Interval	7000
Top Logged Interval	1800
Casing Driller	7 @ 7000
Casing Logger	7 @ 7000
Bit Size	6.125
Type Fluid in Hole	WATER
Density	8.4
Viscosity	28
PH	7
Fluid Loss	0.5
Source of Sample	FLOWLINE
Rm @ Measured Temp	0.5 @ 70
Rmf @ Measured Temp	0.5 @ 70
Rmc @ Measured Temp	0.5 @ 70
Source: Rmf / Rmc	MEASURED / CALCULATED
Rm @ BHT	0.3 @ 150
Time Since Circulation	7 HRS
Max. Rec. Temperature	150
Equipment Number	7
Location	
Recorded By	
Witnessed By	

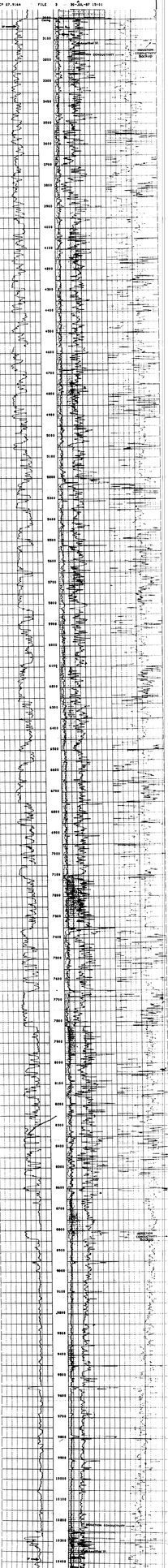
LOGGING DATA

Run	Bottom	Depth Scale	Speed	Hole Size	Casing Size	Weight	Type Fluid	Density	Viscosity	Level	Source
ONE	7000	1:600	30	6.125	7 @ 7000	23	WATER	8.4	28	FULL	FLOWLINE

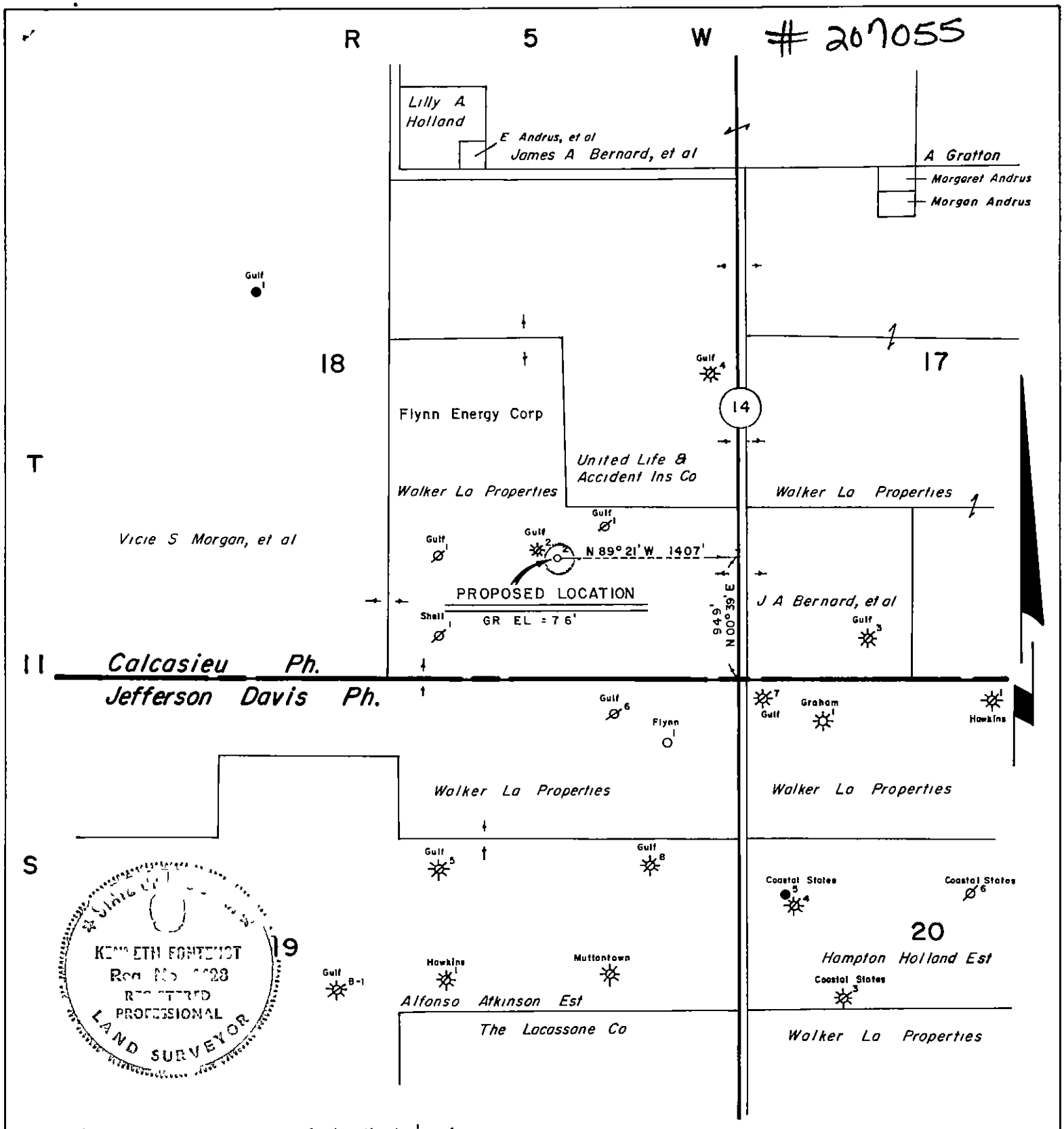
Surface Recorded: Dual Induction Focused Log, Dual Laterolog Resistivity Curves, Spontaneous Potential Curve, Gamma Ray Curve

Density Neutron Curves on Gamma Ray Curve

CP 87-916A FILE 3 30-JUL-87 10:01



COMPANY: THE TEXAS PETROLEUM CORPORATION	SCALE 1:600
WELL: WHITE PROPERTIES NO. 1	SCALE 1:600
FIELD: WILDCAT	SCALE 1:600
COUNTY: JEFF DAVIS STATE: TEXAS	Date: 30 Jul 1987



I, Kenneth Fontenot, hereby certify that the loc'n of Flynn Energy Corp's *Walker La Properties No 2* is as follows N 00° 39' E 949' and N 89° 21' W 1407' from the Southeast corner of Sec 18, T 11 S – R 5 W, Calcasieu Parish, Louisiana No commercial or residential structure within 500' of Proposed Location

Kenneth Fontenot

REGISTERED LAND SURVEYOR NO 4428
STATE OF LOUISIANA
JOHN E CHANCE & ASSOCIATES, INC.

LOUISIANA DEPT. OF CONSERVATION

FLYNN ENERGY CORP.

PERMIT PLAT

CALCASIEU PARISH, LOUISIANA

SCALE 1" = 1000'

OCT 9, 1987

EDWIN W EDWARDS
GOVERNOR
B JIM PORTER
SECRETARY

DEPARTMENT OF NATURAL RESOURCES

OFFICE OF CONSERVATION

HERBERT W THOMPSON
ASSISTANT SECRETARY
AND
COMMISSIONER

OCTOBER 14, 1987

FLYNN ENERGY CORPORATION
1605 W. PINHOOK ROAD
STE 201
LAFAYETTE, LA 70508

RE: CALCASIEU PARISH
HAYES FIELD
WALKER PROPERTIES NO. 2
SER NO. 207055

GENTLEMEN:

THE ABOVE APPLICATION FOR PERMIT TO DRILL IS BEING ISSUED WITH THE UNDERSTANDING THAT YOU WILL FURNISH THE APPROPRIATE DISTRICT MANAGER WITH INCLINATION AND/OR DIRECTIONAL SURVEY DATA AS PROOF THAT THE WELL HAS BEEN DRILLED IN COMPLIANCE WITH THE PROVISIONS OF THE STATEWIDE ORDER NO. 29-B, SECTION XVIII, DATED MARCH 1, 1967.

IN ADDITION, THIS WELL CANNOT BE COMPLETED IN ANY POOL IN WHICH THE LOCATION DOES NOT CONFORM WITH THE PROVISIONS OF STATEWIDE ORDER NO 29-E, NOR WILL THERE BE A COMPLETION IN ANY SAND WHICH IS NOT IN COMPLIANCE WITH THE PROVISIONS OF OFFICE OF CONSERVATION ORDERS OF THE 590 SERIES.

VERY TRULY YOURS,

HERBERT W. THOMPSON, COMMISSIONER
OFFICE OF CONSERVATION

BY _____

WILLIAM J. CLARK
PETROLEUM ENGINEER SUPERVISOR 1

WJC:SM

CC: GERARD LEBLANC
LAFAYETTE, (ACTING) DIST. MGR.

STATE OF LOUISIANA
OFFICE OF CONSERVATION

Inter Office

Date: October 13, 1987

To: Mr. W. J. Clark

From: Mr. Gerard LeBlanc

Attn: Mr. W. J. Clark

Enclosed herewith please find application from FLYNN ENERGY CORPORATION

for permit to drill

their Walker Properties #2, HAYES Field

Calcasieu Parish, Louisiana. Zone

Also enclosed please find:

Check No. 3040 in the amount of $ 200.00 (COPY).

X Well location plat

Well location certification

29B
29E
590-Series

Form A.D.C.
Electric Log
Schematic diagram
(Dual) structure map if well does not comply with existing Orders
(Selective-Onshore) structure map showing reservoir limits
(Selective-Offshore) letter(s) of no objection from offset operators

Applicable Department of Conservation Order No. _____.

Pending Hearing, Docket No. _____.

Remarks & Recommendations:
Inclinational or directional survey required. Shall comply with Statewide Order 29-E. Shall comply with Order 29-B. Shall comply with 590 series of orders.

By G E LeBlanc - RHH
District Manager

GEL:ps
Encls
cc: Geological Oil & Gas Division
Prod. Audit (for Amended Permits only)

LT-1

EDWIN W. EDWARDS
GOVERNOR
B. JIM PORTER
SECRETARY

DEPARTMENT OF NATURAL RESOURCES

OFFICE OF CONSERVATION

HERBERT W. THOMPSON
ASSISTANT SECRETARY
AND
COMMISSIONER

October 13, 1987

FLYNN ENERGY CORPORATION
Attn: Bill Kenny
1605 W. Pinhook Rd., Ste. 201
Lafayette, LA 70508

Gentlemen:

We have processed and forwarded to Baton Rouge for final approval your application to drill the: Walker Properties #2, HAYES, Calcasieu.

Statewide Order No. 29-B issued by the Commissioner of Conservation on July 19, 1943 required:

1. No well shall be drilled, nor shall the drilling of a well be commenced, before a permit for such well has been issued by the Office of Conservation.

2. A progress report shall be filed, either written or by telephone, with the district office by TUESDAY of each week. Include rig name & number and rig telephone number on initial report.

3. No well shall commence drilling below surface casing until a sign has been posted on the derrick and subsequently on the well.

4. The completion report must be filed within three (3) days after date of completion. The electrical logs (Composite 1"=100') must be filed in duplicate ten days after the completion of the well. The well history (WH-1) must be filed in triplicate twenty days after the completion of the well on forms provided by this department.

5. IN THE EVENT YOU USE A CONSULTANT OR A DRILLING CONTRACTOR ON A TURNKEY BASIS, PLEASE SEE THAT HE IS FURNISHED A COPY OF THESE INSTRUCTIONS.

6. Contact Joe Durham, Oil & Gas Inspector for the Office of Conservation at telephone (318)824-3837 in Jennings, Louisiana for further information.

Yours very truly,

GE LeBlanc - RHH

Gerard LeBlanc, District Manager
Lafayette District

GEL:jcl

cc:

flynn
ENERGY CORP.
1605 W Pinhook Rd, Suite 201
Lafayette, LA 70508
Phone. AC (318) 233-7808

October 12, 1987

State of Louisiana
Department of Conservation
P. O. Box 51285
Lafayette, LA 70505

Re: Drilling Permit
Walker Properties No. 2
Hayes Field
Calcasieu Parish, Louisiana

Attached for your handling please find duplicate copies of the MD 10 R, triplicate copies of the location plat and a check for $200.00.

Thank you for your cooperation.

If I can be of further assistance please feel free to contact me.

Sincerely,

Monica S. Boutte

Monica S. Boutte

Attachments

FORM MD 13 R

WELL FILE COPY

STATE OF LOUISIANA
OFFICE OF CONSERVATION

PERMIT TO DRILL FOR MINERALS

PERMIT $200 00
Multiple Zone Processing

ATT

Send To Lafayette/14 Date October 14, 1987

Serial No Ser#207055 API#1701921546

Parish Calcasieu 010 Field Hayes 4439

Operator Flynn Energy Corporation 1798

Address 1605 W. Pinhook Road, Ste 201

City & State Lafayette, LA 70508

Well Name Walker Properties No.2

Location Sec 18, T11S, R5W

N 00 deg 39' E 949' & N 89 deg 21' W 1407' fr the SE/cor of Sec 18.

PTD 10,000'

Zone or Reservoir of Proposed Completion Hct

Applicable Office of Conservation Order 20B, 20E, 590 Series

Herbert W Thompson
COMMISSIONER

ISSUING AUTHORITY

194721

STATE OF LOUISIANA

OFFICE OF CONSERVATION

PLUG AND ABANDON REPORT

WELL SERIAL NO. 207055

WORK PERMIT NO. 4055-87

DATE WORK FINISHED (MM-DD-YY) 11/10/87

Lake Charles DISTRICT

(Three Copies to be Filed with the District Office)

NOTE: This Report Will Be Returned If Not Properly Completed And Signed.

Field Hayes Parish Calcasieu Sec. 018 Twp. 11S Rge. 05W

Operator Flynn Energy Corp. CODE 1798 Well Name Walker Properties Well No. 2

Total Depth 9090' Condition of Well Plugged and Abandoned

CHECK APPROPRIATE BOX:

[X] 29 DRY HOLE

[ ] 30 FORMERLY PRODUCTIVE WELL

PERMIT SECTION

	CASING SIZE	AMOUNT PULLED	CEMENT PLUGS			
			FROM	TO	SACKS	HOW PLACED
301	9-5/8"	-0-	2600'	2400'	100	Rig pump
302			64'	4'	25	"
303						
304						

Mud Record: Weight 10.0 Viscosity 43

Remarks: Welded plate on top.

This work was done according to the Rules and Regulations of the Office of Conservation.

Carl Murphy
WITNESS

Flynn Energy Corp.
OPERATOR

Bill Kenny
(Signed) REPRESENTATIVE

Form P & A (1-78)

Work Permit

STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

Well Name & No Walker Properties No. 2 Sec 018 T 11S R 05W

Field Hayes Parish Calcasieu

Permit Serial No 207055 Work Permit No L#4055-87

Description of Work Plug and abandon well by setting cement plug from 2400-2600' and from 60'-surface. Weld plate on top.

Sand & Reservoir To Be Tested Plug and Abandon TD

Operator Flynn Energy Corp.

Address 1605 W. Pinhook Road, Suite 201

City, State & Zip Lafayette, LA 70508

Permit Requested By Mr. Bill Kenny Bill Kenny Date 11/10/87

Permit Authorized By District Date 11/13/87

PERMIT SECTION

See Instructions On Reverse Side

Form DM 4R Rev

FORM A D

STATE OF LOUISIANA
OFFICE OF CONSERVATION

REPORT OF PROOF OF APPARENT DEVIATION

SERIAL NO. 207055

OPERATOR Flynn Energy Corp. DISTRICT Lake Charles

FIELD Hayes PARISH Calcasieu

WELL NAME & NO Walker Properties No. 2 SEC 018 T 11S R 05W

Degrees Deviation	Deviation Factor
¼	.00436
½	.00873
¾	.01309
1	.01745
1¼	.02182
1½	.02618
1¾	.03054
2	.03490
2¼	.03926
2½	.04362
2¾	.04798
3	.05234
3¼	.05669
3½	.06105
3¾	.06540
4	06976
4¼	.07411
4½	.07846
4¾	.08281
5	.08716
5¼	.09150
5½	.09585
5¾	.10019
6	.10453
6¼	.10887
6½	.11320
6¾	.11754
7	12187
7¼	.12620
7½	.13053
7¾	.13485
8	.13917
8¼	.14349
8½	.14781
8¾	.15212
9	.15643
9¼	.16074
9½	.16505
9¾	.16935
10	.17365

DEGREES DEVIATION	DEPTH FROM SURFACE	LENGTH OF INTERVAL	DEVIATION FACTOR	DEVIATION OF INTERVAL	CUMULATIVE APPARENT DEVIATION	REMARKS
¼°	500'	500'	.00436	2.1800	2.1800	
¼°	1025'	525'	.00436	2.2890	4.4690	
1°	1521'	496'	.01745	8.6552	13.1242	
3/4°	2027'	506'	.01309	6.6235	19.7477	
3/4°	2500'	473'	.01309	6.1916	25.9393	
½°	3025'	525'	.00873	4.5833	30.5226	
¼°	3500'	475'	.00436	2.0710	32.5936	
½°	4000'	500'	.00873	4.3650	36.9586	
½°	4450'	450'	.00873	3.9285	40.8871	
¼°	5000'	550'	.00436	2.3980	43.2851	
½°	5504'	504'	.00873	4.3999	47.6850	
2¼°	5868'	364'	.03926	14.2906	61.9756	
2°	6468'	600'	.03490	20.9400	82.9156	
3/4°	7028'	560'	.01309	7.3304	90.2460	
3½°	7820'	792'	.06105	48.3516	138.5976	
3¼°	7975'	155'	.05669	8.7870	147.3846	
2¼°	8278'	303'	.03926	11.8958	159.2804	
2¼°	8600'	322'	.03926	12.6417	171.9221	
1¼°	9090'	490'	.02182	10.6918	182.6139	

Certified as Being True & Correct by Monica S. Boutte MSB Title Secretary Date 12/9/87

THREE (3) SIGNED COPIES OF THIS REPORT SHOULD BE SUBMITTED WITH FORM WH ON ALL WELLS, EXCEPT AS NOTED ON THE REVERSE SIDE.

SEE INSTRUCTIONS ON REVERSE SIDE

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO: 207055

PRODUCING INTERVAL: -

RESERVOIR (COMPANY SAND IDENTIFICATION): Plugged and Abandoned

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES
- [ ] NEW WELL
- [ ] RECOMPLETION
- [x] P & A

- [ ] 31 INACTIVE DRY HOLE FUT UTIL
- [ ] 32 INACTIVE DRY HOLE NO FUT UTIL
- [ ] 36 INACTIVE WAITING ON PIPELINE
- [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT
- [ ] OIL
- [ ] GAS
- [ ] OTHER

IF RECOMPLETION
- [ ] SAME RESERVOIR
- [ ] DIFFERENT RESERVOIR

DATE COMP, RECOMP, OR P & A (M D Y): 11/10/87

OPERATOR: Flynn Energy Corp.

CODE: 1798

ADDRESS: 1605 W. Pinhook Road, Suite 201, Lafayette, LA 70508

WELL NAME: Walker Properties

WELL NO: 2

PARISH: Calcasieu

SEC: 018 TWP: 11S RGE: 05W

DATE PERMIT ISSUED: 10/14/87

DATE SPUDDED (M D Y): 10/31/87

DATE READY TO PRODUCE*: -

TOTAL DEPTH: 9090'

PBTD: -

GROUND ELEVATION: 7.6'

CASING HEAD FLANGE ELEVATION:

DISTANCE FROM RKB TO CHF:

DATE WELL TURNED INTO TANKS: -

SINGLE, DUAL OR TRIPLE COMPLETION?: Single

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?: No

WAS DIRECTIONAL SURVEY MADE?: No — Inclination survey-Yes

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?: Yes

DATE FILED: 12/10/87

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION): Dual Induction/SFL Compensated Sonic Log

DATE FILED: 12/10/87

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101	14"		.375	0'	91'					
102	9-5/8"		53.5#	0'	2509'	1175	1500	½	11/02/87	
103										
104										
105										

TUBING SIZE: DEPTH OF TUBING: DEPTH OF PACKER(S):

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	GOR	CHOKE SIZE	PRODUCING METHOD
BOPD	MCF/DAY	CF/BBL	/64"	

FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE	WATER PRODUCTION	BS&W
psig	psig		BPD	%

GRAVITY	BHP (SHUT-IN)	COMPANY REPRESENTATIVE	DATE GAUGED
°API@60° F	psig		

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
9-5/8"	-	2600'	2400'	100	Rig Pump	11/10/87	
		64'	4'	25	Rig Pump	11/10/87	

CERTIFICATE: I, the undersigned, state: That I am employed by Flynn Energy Corp. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: Dorman L. Deville Title: Secretary

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc; the well has been shut-in

FORM WH-1 (1-78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L#4055-87	11/10/87	Grey Wolf Drilling Co.	Plugged and abandoned well by setting 100-sack cement plug from 2600-2400' and 25-sack cement plug from 64-4'. Welded plate on top.

RECEIVED
DEC 11 1987
CONSERVATION
LAFAYETTE, LOUISIANA

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms

FORMATION	DEPTH	FORMATION	DEPTH

RECEIVED
DEC 14 1987
DEPT. OF CONSERVATION
WELL FILES
BATON ROUGE, LA

FORM A D

STATE OF LOUISIANA
OFFICE OF CONSERVATION

REPORT OF PROOF OF APPARENT DEVIATION

SERIAL NO 207055

OPERATOR Flynn Energy Corp. DISTRICT Lake Charles

FIELD Hayes PARISH Calcasieu

WELL NAME & NO Walker Properties No. 2 SEC 018 T 11S R 05W

Degrees Deviation	Deviation Factor
¼	00436
½	.00873
¾	.01309
1	.01745
1¼	02182
1½	02618
1¾	03054
2	03490
2¼	.03926
2½	04362
2¾	04798
3	.05234
3¼	.05669
3½	06105
3¾	.06540
4	06976
4¼	07411
4½	07846
4¾	.08281
5	08716
5¼	09150
5½	.09585
5¾	.10019
6	.10453
6¼	10887
6½	11320
6¾	11754
7	12187
7¼	12620
7½	.13053
7¾	13485
8	.13917
8¼	14349
8½	14781
8¾	.15212
9	.15643
9¼	.16074
9½	.16505
9¾	16935
10	17365

DEGREES DEVIATION	DEPTH FROM SURFACE	LENGTH OF INTERVAL	DEVIATION FACTOR	DEVIATION OF INTERVAL	CUMULATIVE APPARENT DEVIATION	REMARKS
¼°	500'	500'	.00436	2.1800	2.1800	
¼°	1025'	525'	.00436	2.2890	4.4690	
1°	1521'	496'	.01745	8.6552	13.1242	
3/4°	2027'	506'	.01309	6.6235	19.7477	
3/4°	2500'	473'	.01309	6.1916	25.9393	
½°	3025'	525'	.00873	4.5833	30.5226	
¼°	3500'	475'	.00436	2.0710	32.5936	
½°	4000'	500'	.00873	4.3650	36.9586	
½°	4450'	450'	.00873	3.9285	40.8871	
¼°	5000'	550'	.00436	2.3980	43.2851	
½°	5504'	504'	.00873	4.3999	47.6850	
2¼°	5868'	364'	.03926	14.2906	61.9756	
2°	6468'	600'	.03490	20.9400	82.9156	
3/4°	7028'	560'	.01309	7.3304	90.2460	
3½°	7820'	792'	.06105	48.3516	138.5976	
3¼°	7975'	155'	.05669	8.7870	147.3846	
2¼°	8278'	303'	.03926	11.8958	159.2804	
2¼°	8600'	322'	.03926	12.6417	171.9221	
1¼°	9090'	490'	.02182	10.6918	182.6139	

RECEIVED
DEC 11 1991
Office of Conservation
Well Files
Baton Rouge, LA

RECEIVED
DEC 05 1991
LAFAYETTE DISTRICT OFFICE
OF CONSERVATION

Certified as Being True & Correct by Monica S. Boutte MSB Title Secretary Date 12/9/87

THREE (3) SIGNED COPIES OF THIS REPORT SHOULD BE SUBMITTED WITH FORM WH ON ALL WELLS, EXCEPT AS NOTED ON THE REVERSE SIDE.

SEE INSTRUCTIONS ON REVERSE SIDE

586

Schlumberger

DUAL INDUCTION-SFL-SONIC

WITH LINEAR CORRELATION LOG

COUNTY	CALCASIEU
FIELD	HAYES
LOCATION	
WELL	WALKER PROPERTIES NO. 2
COMPANY	FLYNN ENERGY CORPORATION

COMPANY FLYNN ENERGY CORPORATION ✓

207055

WELL WALKER PROPERTIES NO. 2

FIELD HAYES

COUNTY CALCASIEU STATE LOUISIANA

LOCATION: N 00 DEG 39 MIN E 949' & N 89 DEG 21 MIN W 1407' FR SE/C OF SEC. 18

SERIAL NO.	SEC.	TWP.	RANGE
207055	18	11S	5W

Other Services:

Permanent Datum: BHF Elev.: -

Log Measured From RKB 21.6 Ft. Above Perm. Datum

Drilling Measured From SAME

Elev.: K.B. -

D.F. -

G.L. -

Date	11-9-87			
Run No.	ONE			
Depth—Driller	9090			
Depth—Logger	9088			
Btm. Log Interval	9085			
Top Log Interval	2510			
Casing—Driller	9 5/8 @ 2509	@	@	@
Casing—Logger	2510			
Bit Size	8 1/2			
Type Fluid in Hole	LIGNO			
Dens. / Visc.	10.0 / 40			
pH / Fluid Loss	10.5 / 5.6 ml	ml	ml	ml
Source of Sample	PIT			
Rm @ Meas. Temp.	1.100 @ 68 F			F
Rmf @ Meas. Temp.	1.000 @ 68 F			F
Rmc @ Meas. Temp.	1.650 @ 68 F			F
Source: Rmf / Rmc	M / C			
Rm @ BHT	.451 @ 176 F			F
TIME Circulation Stopped	1230/11-9			
TIME Logger on Bottom	1725/11-9			
Max. Rec. Temp.	176 F			F
Equip. / Location	103 / LCOH			
Recorded By	SCHWIN			
Witnessed By	MR. KENNEY			

GEOLOGIC

CONFIDENTIAL LOG, Act 4.

1st Letter Request 12/10/87.

1st Period 12/11/87 to 12/11/88.

2nd Letter Request ________.

2nd Period ________ to ________.

Serial No. 207055.

FOLD HERE GI /GI The well name, location and borehole reference data were furnished by the customer.

RUN NO.	ONE			
Service Order No.	508879			
Fluid Level				
Salinity, PPM CL.	1800			
EQUIPMENT DATA				
Ind. Panel No.	494			
Mem. Panel No.				
Ind. Cart. No.	2050			
Ind. Sonde No.	2061			
Sonic Panel No.	1573			
Oscil Panel No.				
Sonic Cart. No.	103			
Sonic Sonde No.	1294			
G. R. Cart. No.				
G. R. Panel No.				
Caliper No.				
TTR No.				
DRE No.				
CPW No.				
Centralizer Device				
CALIBRATION DATA				
Surf. ILD S.E.	-1.4			
Surf. ILM S.E.	7.6			
ILD S.E. Corrected				
ILM S.E. Corrected				
Depth ILD & ILM Zero Set				
G. R. BKGD CPS.				
G. R. Source CPS.				
G. R. Cal. Sens.				
G. R. T. C. CAL.				
LOGGING DATA				
G. R. Sens.-Log				
G. R. T. C.-Log				
Speed-F.P.M.				

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

LSN43120000000207055

REMARKS:
SONIC SPACING: DT 3'-5'.
RWA USES R-H FOR SONIC POROSITY.
TOOL CENTRALIZED. IMAW=55, IMAT 98,
STR 2, IB 0, CBL MRKD 11-5.

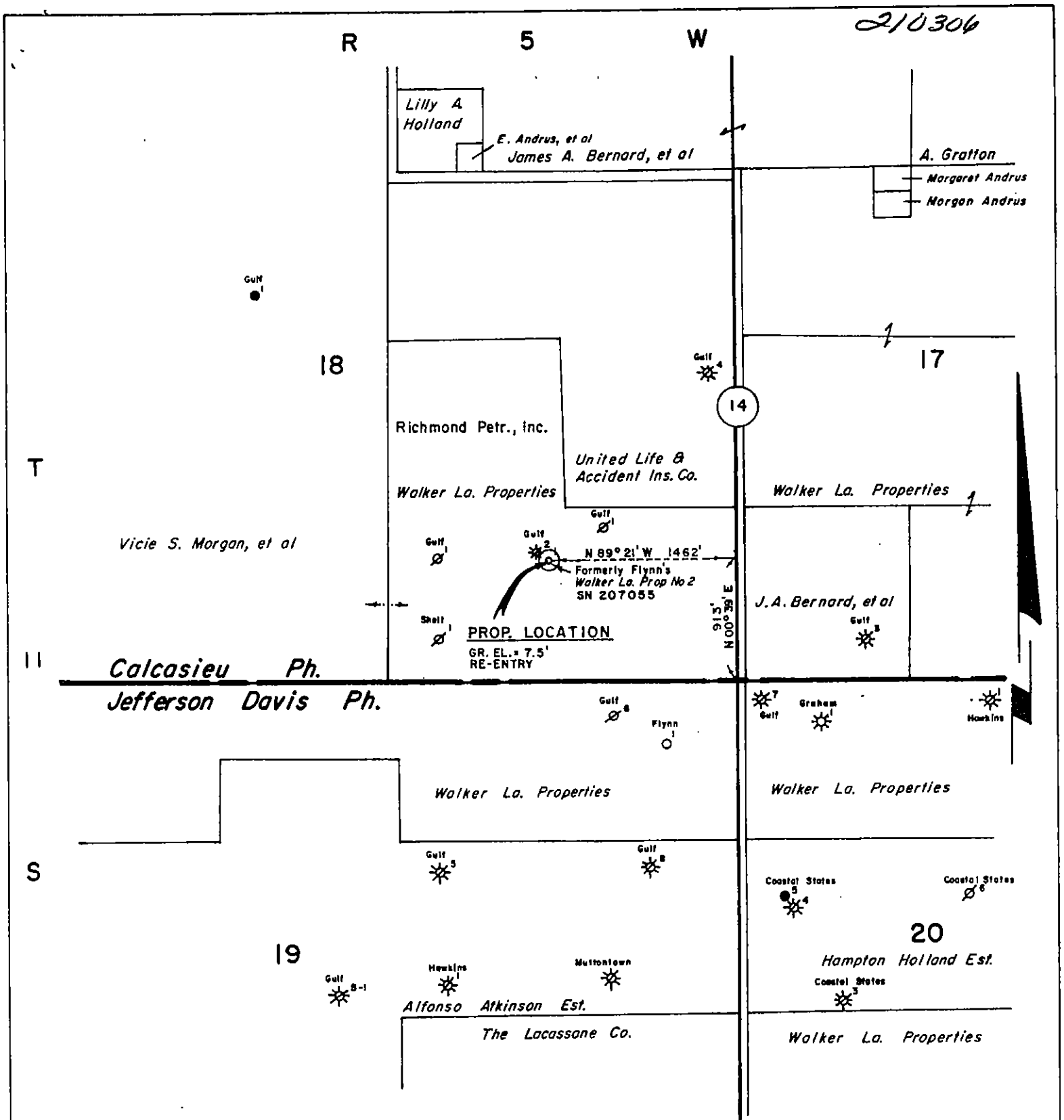
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or wilful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our General Terms and Conditions as set out in our current Price Schedule.

SP (MV)		ILD (OHMM) / SFLA(OHMM) / SFLA(OHMM)	CILD(MMHO)
-160.0 — 40.000		0.0 — 10.000 / 0.0 — 2.0000 / 0.0 — 10.000	4000.0 — 0.0

CP 28.2 FILE 1 09-NOV-87 19:08

CP 28.2 FILE 1 09-NOV-87 17:19

210306



I, J.W. Wingfield, Jr., hereby certify that the loc'n. of Richmond Petroleum, Inc. *Walker La. Properties No. 1* is as follows: N 00° 39' E 913' and N 89° 21' W 1462' from the Southeast corner of Sec. 18, T 11 S - R 5 W, Calcasieu Parish, Louisiana. No commercial or residential structure within 500' of Proposed Location.

James W. Wingfield, Jr.

REGISTERED LAND SURVEYOR NO. 4304
STATE OF LOUISIANA
JOHN E. CHANCE & ASSOCIATES, INC.

STATE OF LOUISIANA
James W. Wingfield, Jr.
REG. No. 4304
REGISTERED
LAND SURVEYOR

LOUISIANA DEPT. OF CONSERVATION

RICHMOND PETROLEUM, INC.

PERMIT PLAT

CALCASIEU PARISH, LOUISIANA

SCALE: 1" = 1000'

JULY 17, 1989

Richmond Petroleum Inc.
A Subsidiary of Richmond Oil PLC

VIA FEDERAL EXPRESS

July 19, 1989

Mr. Gerard LeBlanc, District Manager
Louisiana Department of Conservation
106 Calco Blvd.
LaFayette, Louisiana 70505

RE: Drilling Permit Walker Properties,
Well No. 1, Hayes Field,
Calcasieu Parish, Louisiana

Dear Sir:

Attached is form MD-10-R, location plats and location certification and our check in the amount of $500.00 for permit application to re-enter and clean out our Walker Properties Well No. 1 to a depth of 7800'. The subject well was originally drilled by Flynn Energy Company as their Walker Properties Well No. 2 under permit serial number 207055 to a total depth of 9090'. The well was plugged and abandoned by Flynn Energy on November 10, 1987 under work permit no. L4055-87.

I would point out that the actual survey of the original drillsite found the location of the Walker No. 2 well to be different than shown on the drilling permit for the well. The attached revised plat and MD-10-R forms reflect the correct and actual location of the well.

Your earliest approval of this application will be appreciated. Should you have any questions regarding this application, please contact the undersigned at the Dallas address shown below.

Very truly yours,

James Ryan

James P. Ryan

JPR/bp
enclosures

2651 N. Harwood, Suite 360 Dallas, TX 75201 (214) 720-7730 Fax: (214) 871-7133
2nd Floor, 23 Finsbury Circus London, UK EC2M 7AL 011 441 638-2727 Fax: 011 441 638-2776

1089

RICHMOND PETROLEUM, INC.
PH. 214-720-7730
2651 N. HARWOOD STREET, SUITE 360
DALLAS, TEXAS 75201

1009450

32-1417/1110

JULY 19 19 89

PAY TO THE ORDER OF LOUISIANA DEPARTMENT OF CONSERVATION $ 500.00

FIVE HUNDRED DOLLARS AND NO CENTS ---------- DOLLARS

CROWN CHARTER NATIONAL BANK P.O. Box 191069 Dallas, Texas 75219

FOR Drilling Permit Walker Properties, Well No. 1, Hayes Field, Calcasieu Parish, LA

Belinda M Patterson

⑈001089⑈ ⑆111014176⑆ ⑈01 0491 9⑈

STATE OF LOUISIANA
OFFICE OF CONSERVATION

Inter Office

Date: July 20, 1989

To: F. J. Boudreaux, Petroleum Engineer DivisionManager

From: Gerard E. LeBlanc, Lafayette District Manager

Attn: F. J. Boudreaux, Petroleum Engineer Division Manager

Enclosed herewith please find application from Richmond Petroleum Inc

for permit to drill

their Walker Properties # 1, Hayes Field

Calcasieu Parish, Louisiana. Zone onshore

Also enclosed please find:

A COPY OF
Check No. 1089 in the amount of $ 500.00.

XXX Well location plat

29-E letter

Well location certification

Form A.D.C.
Electric Log
Schematic diagram
(Dual) structure map if well does not comply with existing Orders
(Selective-Onshore) structure map showing reservoir limits
(Selective-Offshore) letter(s) of no objection from offset operators

Applicable Department of Conservation Order No. 29B, 29E, 590 series of orders.

Pending Hearing, Docket No. _____.

Remarks & Recommendations:
Re-entry of serial # 207055
Note: Inclinational survey is on file under serial # 207055.

GEL;rr
Encls.

89 JUL 21 A10:49

By Gerard E. LeBlanc
District Manager

cc: Geological Oil & Gas Division
Prod. Audit (for Amended Permits only)

LT-1

State of Louisiana

OFFICE OF CONSERVATION
DEPARTMENT OF NATURAL RESOURCES

July 20, 1989

BUDDY ROEMER
GOVERNOR

RAYMOND W. STEPHENS, JR
SECRETARY

Richmond Petroleum Inc
2651 N Harwood, Suite 360
Dallas, Texas 75201

GENTLEMEN:

We have processed and forwarded to Baton Rouge for final approval your application to drill the: Walker Properties # 1, Hayes Field, Calcasieu Parish.

Statewide Order No 29-B issued by the Commissioner of Conservation of July 19, 1943 required:

1. No well shall be drilled, nor shall the drilling of a well be commenced, BEFORE a permit for such well has been issued by the Office of Conservation.

2. A progress report shall be filed, either wirtten or by telephone, with the district office by TUESDAY of each week. INCLUDE RIG NAME AND NUMBER AND RIG TELEPHONE NUMBER ON INITIAL REPORT!

3. No well shall commence drilling below surface casing until a sign has been posted on the derrick and subsequently on the well.

4. The completion report must be filed within three (3) days after date of completion. The electric logs (Composite 1"=100') must be filed in duplicate ten (10) days after the completion of the well. The well history (WH-1) must be filed in triplicate twenty (20) days after the completion of the well on forms provided by this department.

5. IN THE EVENT YOU USE A CONSULTANT OR A DRILLING CONTRACTOR ON A TURNKEY BASIS, PLEASE SEE THAT HE IS FURNISHED A COPY OF THESE INSTRUCTIONS!

6. Contact JOE DURHAM, Conservation Enforcement Agent for the Office of Conservation at telephone number 318-824-3837 or at _____ for further information.

Yours very truly,

Gerard E. LeBlanc, Manager
Lafayette District

GEL;rr

CC: F. J. Boudreaux, Permit Section, Baton Rouge, La.

WELL FILE COPY

FORM MD 13-R

STATE OF LOUISIANA
OFFICE OF CONSERVATION

PERMIT TO DRILL FOR MINERALS

PERMIT $500.00
Multiple Zone Processing

ATT REDRILL

Send To Lafayette/24 Date July 24, 1989

Serial No. 210306 API 1701921546

Parish Calcasieu 010 Field Hayes 4439

Operator Richmond Petroleum Inc. 9999

Address 2651 N. Harwood, Ste 360

City & State Dallas, TX 75201

Well Name Walker Properties No. 1

Location Sec 18, T11S, R5W
N 00 deg 39' E 913' & Wly @ RA's N 89 deg 21' W 1462' fr the
SE/cor of Sec 18. (Redrill of Ser#207055-P&A'd 11-10-87)

PTD 9090'

Zone or Reservoir of Proposed Completion Miocene Sds

Applicable Office of Conservation Order 29E

J. Patrick Batchelor
COMMISSIONER

Felix J. Boudreaux
ISSUING AUTHORITY

198372

State of Louisiana

DEPARTMENT OF NATURAL RESOURCES

BUDDY ROEMER
GOVERNOR

RAYMOND W. STEPHENS, JR
SECRETARY

JULY 24, 1989

RICHMOND PETROLEUM INC.
2651 N. HARWOOD,
SUITE 360
DALLAS, TX 75201

RE: CALCASIEU PARISH
HAYES FIELD
WALKER PROPERTIES NO. 001
SER NO. 210306

GENTLEMEN:

WE ARE ISSUING PERMIT TO DRILL FOR THE ABOVE REFERENCED WELL WITH THE UNDERSTANDING THAT COMPLETION CANNOT BE IN ANY POOL IN WHICH THE LOCATION DOES NOT CONFORM WITH THE PROVISIONS OF STATEWIDE ORDER NO. 29-E.

NO ALLOWABLE WILL BE ASSIGNED THIS WELL UNLESS IN COMPLIANCE WITH THE ABOVE PROVISIONS.

VERY TRULY YOURS,

PATRICK J. BATCHELOR
OFFICE OF CONSERVATION

BY Felix J. Boudreaux

FELIX J. BOUDREAUX
DIVISION MANAGER

WJC:SM

CC: GERARD LEBLANC
LAFAYETTE, DIST. MGR.

213760

R 5 W

T 11 S

Lilly A Holland

E. Andrus, et al

James A. Bernard, et al

A. Gratton

Margaret Andrus

Morgan Andrus

Gulf 1

18

17

Gulf 4

14

Richmond Petr., Inc.

United Life & Accident Ins. Co.

Walker La. Properties

Walker La. Properties

Vicie S. Morgan, et al

Gulf 1

Gulf 1

Gulf 2 1

N 89° 21' W 1462'

Formerly Flynn's Walker La Prop No 2 SN 207055

N 00° 39' E 913'

J.A. Bernard, et al

Shell 1

PROP. LOCATION

GR. EL.= 7.5'

RE-ENTRY

Gulf 3

Calcasieu Ph.

Jefferson Davis Ph.

Gulf 6

Flynn 1

7 Gulf

Graham 1

1 Hawkins

Walker La. Properties

Walker La. Properties

Gulf 5

Gulf 8

Coastal States 5 4

Coastal States 6

19

20

Hampton Holland Est.

Gulf 8-1

Hawkins 1

Muttontown

Coastal States 3

Alfonso Atkinson Est.

The Lacassane Co.

Walker La. Properties

RECEIVED

AUG 30 1991

LAFAYETTE DISTRICT OFFICE OF CONSERVATION

I, J.W. Wingfield, Jr., hereby certify that the loc'n. of Richmond Petroleum, Inc. Walker La. Properties No. 1 is as follows: N 00° 39' E 913' and N 89° 21' W 1462 from the Southeast corner of Sec. 18, T 11 S-R 5 W, Calcasieu Parish, Louisiana. No commercial or residential structures within 1,500' of Proposed Location.

James W. Wingfield, Jr.

REG. No. 4304

James W. Wingfield Jr.

STATE OF LOUISIANA REGISTERED LAND SURVEYOR

REGISTERED LAND SURVEYOR NO. 4304

STATE OF LOUISIANA

JOHN E. CHANCE & ASSOCIATES, INC.

LOUISIANA DEPT. OF CONSERVATION

RICHMOND PETROLEUM, INC.

PERMIT PLAT

CALCASIEU PARISH, LOUISIANA

SCALE: 1" = 1000'

DEC. 29, 1989

STATE OF LOUISIANA
OFFICE OF CONSERVATION

Inter Office

Date: August 30, 1991

To: Permit Section

From: Gerard E LeBlanc, Manager, Lafayette District

Attn: F. J. Boudreaux, Petr Engr Div Mgr

Enclosed herewith please find application from Richmond Petroleum Inc

for permit to drill

their Walker Properties #001, Hayes Field

Calcasieu Parish, Louisiana. Zone

Also enclosed please find: copy of

Check No. 2078 in the amount of $ 500.00.
PERMITTED TO A TOTAL DEPTH OF 9,090'.

X Well location plat

Well location certification

RECEIVED
Sept. 91 AUG 4 A9:16
OFC. OF CONSERVATION
PERMIT SECTION

29-E
29-B
comply w/ 590 Series

Form A.D.C.
Electric Log
Schematic diagram
(Dual) structure map if well does not comply with existing Orders
(Selective-Onshore) structure map showing reservoir limits
(Selective-Offshore) letter(s) of no objection from offset operators

Applicable Department of Conservation Order No. 29B,29E,590 Series

Pending Hearing, Docket No. _____.

Remarks & Recommendations: Re-permit of Serial #210306.
NOTE: Inclinational survey is on file under Serial #207055.
NOTE: See operator's cover letter for re-permitting explanation.

GEL:JEC:mjn

Encls.

By Gerard E LeBlanc
District Manager

cc: Geological Oil & Gas Division
Prod. Audit (for Amended Permits only)

LT-1

RICHMOND PETROLEUM, INC.
2651 N. HARWOOD, SUITE 500
DALLAS, TEXAS 75201

1000750

2078

August 28 19 91

32-115/1110

PAY TO THE ORDER OF State of Louisiana Office of Conservation $ 500.00

Five hundred and 00/100 DOLLARS

Texas Commerce Bank
TEXAS COMMERCE BANK, NATIONAL ASSOCIATION
2200 ROSS AVENUE
DALLAS, TEXAS 75201

FOR permit renewal on Hayes Properties

⑈002078⑈ ⑆111001150⑆ ⑈0880504092 8⑈

BUDDY ROEMER
GOVERNOR

RON GOMEZ
SECRETARY

J. PATRICK BATCHELOR
COMMISSIONER AND
ASSISTANT SECRETARY

State of Louisiana

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF CONSERVATION
P. O. BOX 51285
LAFAYETTE, LA 70505

August 30, 1991

Richmond Petroleum Inc.
2651 N. Harwood, Fifth Floor
Dallas, TX 75201

Gentlemen:

We have processed and forwarded to Baton Rouge for final approval your application to drill the: Walker Properties #001 Hayes Field Calcasieu

Statewide Order No. 29-B issued by the Commissioner of Conservation on July 19, 1943 required:

1. No well shall be drilled, nor shall the drilling of a well be commenced, BEFORE a permit for such well has been issued by the Office of Conservation.

2. A Progress Report shall be filled, either written or by telephone, with the District Office by Tuesday of each week. INCLUDE RIG NAME & NUMBER AND RIG TELEPHONE NUMBER ON INITIAL REPORT.

3. No well shall commence drilling below surface casing until a sign has been posted on the derrick and subsequently on the well.

4. The completion report must be filed within three (3) days after date of completion. The electric logs (Composite 1"=100') must be filed in DUPLICATE ten (10) days after the completion of the well. The Well History (WH-1) must be filed in TRIPLICATE twenty (20) days after the completion of the well on Forms provided by this department.

5. IN THE EVENT YOU USE A CONSULTANT OR A DRILLING CONTRACTOR ON A TURNKEY BASIS, PLEASE SEE THAT HE IS FURNISHED A COPY OF THESE INSTRUCTIONS.

6. Contact Dallas King , Conservation Enforcement Agent for the Office of Conservation at telephone 318-478-0380 or at 4316 Sarver St. Lake Charles, LA 70605 for further information.

Yours Very Truly,

Gerard E LeBlanc, Manager
Lafayette District

GEL:mjn

RICHMOND PETROLEUM INC.
A Subsidiary of Richmond Oil & Gas Plc

August 28, 1991

State of Louisiana
Department of Natural Resources
Office of Conservation
Attention: Mr. Jay Culdwell
P.O. Box 51285
Lafayette, Louisiana 70505

Re: Richmond Petroleum Inc., Operator
Walker Properties #1
Hayes Field
Calcasieu Parish, Louisiana

Dear Jay:

Per your request, enclosed please find two Permit to Drill cards and three original Permit Plats pertaining to the above-referenced well.

This well was re-entered by Richmond after the permit had expired. In an effort to update our files, we would like the permit renewed. I have also enclosed our check, in the amount of $500.00, to cover permit fees.

reperforated

Thank you for your assistance in this matter. If there is any other information you should require, please do not hesitate to call.

Very truly yours,

RICHMOND PETROLEUM INC.

Janette M. Hartness

Janette M. Hartness

/jmh
Enclosures

cc: James P. Ryan

RECEIVED
AUG 30 1991

Fifth Floor, Rolex Building 2651 N. Harwood Street, Dallas, Texas 75201 (214) 720-7730 Fax: (214) 871-7133
Seventh Floor, Citygate House 39-45 Finsbury Square, London, UK EC2A1PS (71) 638-6431 Fax: (71) 382-9780

BUDDY ROEMER
GOVERNOR

State of Louisiana

RON GOMEZ
SECRETARY

J. PATRICK BATCHELOR
COMMISSIONER AND
ASSISTANT SECRETARY

DEPARTMENT OF NATURAL RESOURCES

SEPTEMBER 4, 1991

RICHMOND PETROLEUM INC.
2651 N. HARWOOD, FIFTH FLOOR
DALLAS, TX 75201

RE: CALCASIEU PARISH
HAYES FIELD
WALKER PROPERTIES NO. 001
SER NO. 213760

GENTLEMEN:

THE ABOVE APPLICATION FOR PERMIT TO DRILL IS BEING ISSUED WITH THE UNDERSTANDING THAT YOU WILL FURNISH THE APPROPRIATE DISTRICT MANAGER WITH INCLINATION AND/OR DIRECTIONAL SURVEY DATA AS PROOF THAT THE WELL HAS BEEN DRILLED IN COMPLIANCE WITH THE PROVISIONS OF THE STATEWIDE ORDER NO. 29-B, SECTION XVIII, DATED MARCH 1, 1967.

IN ADDITION, THIS WELL CANNOT BE COMPLETED IN ANY POOL IN WHICH THE LOCATION DOES NOT CONFORM WITH THE PROVISIONS OF STATEWIDE ORDER NO 29-E, NOR WILL THERE BE A COMPLETION IN ANY SAND WHICH IS NOT IN COMPLIANCE WITH THE PROVISIONS OF OFFICE OF CONSERVATION ORDERS OF THE 590 SERIES.

VERY TRULY YOURS,

PATRICK J. BATCHELOR
OFFICE OF CONSERVATION

BY Felix J. Boudreaux

FELIX J. BOUDREAUX
DIVISION MANAGER

WJC:SK

CC: GERARD LEBLANC
LAFAYETTE, DIST. MGR.

WELL FILE COPY

FORM MD 13-R

STATE OF LOUISIANA
OFFICE OF CONSERVATION

PERMIT TO DRILL FOR MINERALS

PERMIT..... $500.00
Multiple Zone Processing

ATT REPERMIT

Send To Lafayette/9 Date September 4, 1991

Serial No. 213760 API 17019211546

Parish Calcasieu 010 Field Hayes 4439

Operator Richmond Petroleum Inc. R003

Address 2651 N. Harwood, Fifth Floor

City & State Dallas, TX 75201

Well Name Walker Properties No. 1

Location Sec 18, T11S, R5W
N 00 deg 39' E 913' & N 89 deg 21' W 1462' fr SE/cor
of Sec 18. (Repermit of Ser#210306-expired)
(Redrill of Ser#207055-P&A 11-10-87)
PTD 9090'

Zone or Reservoir of Proposed Completion Miocene Sds

Applicable Office of Conservation Order 29B, 29E, 590 Series

J. Patrick Batchelor
COMMISSIONER

Felix J. Boudreaux
ISSUING AUTHORITY

201991

State of Louisiana

BUDDY ROEMER
GOVERNOR

RON GOMEZ
SECRETARY

J. PATRICK BATCHELOR
COMMISSIONER AND
ASSISTANT SECRETARY

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF CONSERVATION
P. O. BOX 51285
LAFAYETTE, LA 70505
September 20, 1991

OFFICE OF CONSERVATION
ATTN: F. J. Boudreaux
P. O. Box 94275
Baton Rouge, LA 70804-9275

Dear Mr Boudreaux:

Enclosed herewith please find application for permit to amend the operator name from Richmond Petroleum Inc. to Petrocana Inc. on their Walker Properties #001, Serial# 213760, Field Hayes, Parish Calcasieu.

Also enclosed is a copy of check No. 3365 for $100.00. This check was forwarded under separate cover to the Baton Rouge Accounting Section. Verification also enclosed.

The effective date of this change is 9-04-91 and the product is Permitted.

RECEIVED
91 SEP 23 A10:39
OFFICE OF CONSERVATION
PERMIT SECTION

Yours very truly,

Gerard E LeBlanc

Gerard E LeBlanc, Manager
Lafayette District

GEL:mjn

Encls.

cc: Audit Section/Anita Hebert
Baton Rouge, LA

PETROCANA, INC.
(PETROLEUM COMPANY OF LOUISIANA)
P.O. BOX 51542 OIL CENTER
LAFAYETTE, LA 70505

18

L000752

Community
The Premier Bank of Lafayette

№ 3365

84-44/652

8 August 1991

PAY One hundred and 00/100 - - - - - - - - - - - - - - - - DOLLARS $ 100.00

TO THE ORDER OF

Office of Conservation,
LA Dept. of Natural Resources
P.O. Box 51285
Lafayette, LA 70505

PETROCANA, INC.

Ralph Bourn

⑈003365⑈ ⑆065200447⑆ 1145 43 4⑈

PETROCANA, INC.
P.O. BOX 51542 OIL CENTER LAFAYETTE, LA 70505

DETACH AND RETAIN THIS STATEMENT
THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW
IF NOT CORRECT PLEASE NOTIFY US PROMPTLY. NO RECEIPT DESIRED

8-8-91 Change of operator, from Richmond #1 Walker to
Petrocana Inc. #1 Walker Properties, Ser. #~~210306~~ #213760
Sec. 18, 11S-5W, Hayes Field $100.00

STATE OF LOUISIANA
OFFICE OF CONSERVATION
AMENDED PERMIT TO DRILL FOR MINERALS

...$100.00

213760 SERIAL NO DATE 09/25/91 EFFECTIVE 09/91

CURRENT CODES

010 PARISH	CALCASIEU	DISTRICT 31 LAFAYE
4439 FIELD	HAYES	
4763 OPERATOR	PETROCANA, INC. P.O. BOX 51542 LAFAYETTE, LA. 70505	

WELL NAME WALKER PROPERTIES NO. 001
LOCATION OF WELL SEC 018 T 11S R 05W
FORMER OPERATOR: RICHMOND PETROLEUM INC.

L000752

APPLICABLE OFFICE OF CONSERVATION ORDER 29B, 29E, 590

J. PATRICK BATCHELOR
COMMISSIONER

FELIX J. BOUDREAUX
ISSUING AUTHORITY

WELL FILE

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO.: 213760

PRODUCING INTERVAL: Unsuccessful

RESERVOIR (COMPANY SAND IDENTIFICATION): Upper Miocene - 5

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES
- [x] NEW WELL
- [ ] RECOMPLETION
- [ ] P & A

- [x] 31 INACTIVE DRY HOLE FUT. UTIL
- [ ] 32 INACTIVE DRY HOLE NO FUT UTIL.
- [ ] 36 INACTIVE WAITING ON PIPELINE
- [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT: [ ] OIL [ ] GAS [ ] OTHER

IF RECOMPLETION: [ ] SAME RESERVOIR [x] DIFFERENT RESERVOIR

DATE COMP., RECOMP., OR P & A (M D Y): 10/11/91

OPERATOR: Petrocana, Inc. | CODE: 4763 | ADDRESS: P. O. Box 51542, Lafayette, LA 70505

WELL NAME: Walker Properties | WELL NO: 1

PARISH: ~~Jefferson Davis~~ Calcasieu | SEC. 18 TWP. 11S RGE. 5W | DATE PERMIT ISSUED: 9/24/91

DATE SPUDDED (M D Y): | DATE READY TO PRODUCE*: | TOTAL DEPTH: 9090' | PBTD.:

GROUND ELEVATION: | CASING HEAD FLANGE ELEVATION: | DISTANCE FROM RKB TO CHF:

DATE WELL TURNED INTO TANKS: | SINGLE, DUAL OR TRIPLE COMPLETION? | NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED? | WAS DIRECTIONAL SURVEY MADE? | WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION? | DATE FILED:

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION) | DATE FILED:

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101										
102	See original report.									
103										
104										
105										

TUBING SIZE: | DEPTH OF TUBING: | DEPTH OF PACKER(S): 3952'

RECEIVED APR - 3 1992 LAFAYETTE DISTRICT OFFICE OF CONSERVATION

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	GOR	CHOKE SIZE	PRODUCING METHOD
BOPD	MCF/DAY	CF/BBL	/64"	

FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE	WATER PRODUCTION	BS&W
psig	psig		BPD	%

GRAVITY	BHP (SHUT-IN)	COMPANY REPRESENTATIVE	DATE GAUGED
°API@60° F	psig		

PLUG AND ABANDON (P & A) DATA

RECEIVED APR 07 1992 Office of Conservation Well Files Baton Rouge, LA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	WORK PERFORMED	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state: That I am employed by Petrocana, Inc and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: Ginger Blanchet Title:

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc., the well has been shut-in.

FORM WH-1 (1-78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L#1645-91	10/08/91	HLS	Perforate 4176-4178' & 4162-4164' for squeeze.
L#1645-91	10/11/91	DMI	Perforate 4167-4173' for production.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

STATE OF LOUISIANA
OFFICE OF CONSERVATION
AMENDED PERMIT TO DRILL FOR MINERALS

...$100.00

213760 SERIAL NO DATE 08/07/92 EFFECTIVE 04/03/92

CURRENT CODES

010	PARISH	CALCASIEU	DISTRICT LAFAYETTE
4439	FIELD	HAYES	
4763	OPERATOR	PETROCANA, INC.	
2	PRODUCT	P. O. BOX 51542	
L000803	MA	LAFAYETTE, LA	70505

3-213760 WELL NAME VUA;HAYES U1 NO. 004
LOCATION OF WELL SEC 018 T 11S R 05W
FORMER WELL NAME: WALKER PROPERTIES
FORMER WELL NO: 001

APPLICABLE OFFICE OF CONSERVATION ORDER 29E

H. W. THOMPSON
COMMISSIONER

FELIX J. BOUDREAUX
ISSUING AUTHORITY

WELL FILE

RECEIVED
APR 15 1992
Office of Conservation
Well Files
Baton Rouge, LA

29-E COMPLIANCE ____ YES ____ NO
29-E UNIT ATTACHED ____ YES ____ NO
O.C. USE ONLY

STATE OF LOUISIANA
OFFICE OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

DISTRICT Lafayette

CODE NUMBERS:

DATE April 7, 1992

[1] 1 - ON-SHORE
3 - OFF-SHORE

0010 PARISH Calcasieu SEC. 18 T 11S R 5W

4439 FIELD Hayes OC ORDER NO. ____

4763 OPERATOR Petrocana, Inc.

213760 WELL NAME Walker Properties NO. 1 SERIAL NO. 213760

RESERVOIR 3980' Miocene 04/03/92 COMPLETION DATE 3 TIME [ ] AM [P] PM

IMPORTANT: IS A FORM MD 10-R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES [ ] NO [X]

REMARKS: n/a Re-entry

COMPLETION DATA:

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
[1] 1 - ORIG. COMP. 2 - RE-COMP.	[2] 1 - OIL 2 - GAS 3 - DRY GAS	[2] 1 - YES 2 - NO	[F] F - FLOWING G L - GAS LIFT P - PUMPING	[3] [6] SEE REVERSE SIDE FOR CODE

* IF THIS IS A RE-COMPLETION SPECIFY: SAME RESERVOIR [ ] DIFFERENT RESERVOIR [ ]

0 BOPD	500 MCF/DAY	1600 PSIG	1660 PSIG	0 PSIG
INITIAL PROD.	GAS VOLUME	FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE

7.5 /64" [1] 1 - POSITIVE 2 - ADJUST	0 BPD	0 %	0 CF/BBL	0 API AT 60° F
CHOKE SIZE	WATER PROD.	BS & W	GOR	GRAVITY

PERFORATIONS 3979'-3985' TOTAL DEPTH 9090'

CLEARANCE & CERTIFICATION:

ADDITIONAL CLEARANCE IS REQUESTED FOR ____ BBLS OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST: (SEE SECTION X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE).

RECEIVED
APR 09 1992
OFFICE OF CONSERVATION

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Ginger Blanchet
SIGNATURE

Petrocana, Inc.
OPERATOR

TITLE

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITHIN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1).

FORM COMP (REV. 1 76)

OFFICE OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

> All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

TEST DATA

Date of Test	Time of Test	Amount of Oil Produced
_____	_____M. to_____M.	_____Barrels
_____	_____M. to_____M.	_____Barrels
_____	_____M. to_____M.	_____Barrels
_____	_____M. to_____M.	_____Barrels
_____	_____M. to_____M.	_____Barrels

TOTAL_____BARRELS

The above total barrels of oil were produced from_____Ft. to_____Ft.

Remarks: _____

_____

_____ _____

OPERATOR (Signed) OPERATOR REPRESENTATIVE

CODES TO USE IN REPORTING STATUS OF WELL

10 Active
33 Inactive-Future Utility (does not include waiting on pipeline or market)
36 Inactive waiting on pipeline
37 Inactive waiting on market

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO.: 213760

PRODUCING INTERVAL: 3979'-3985'

RESERVOIR (COMPANY SAND IDENTIFICATION): 3980' Miocene

RECEIVED
APR 28 1992
Office of Conservation
Well Files
Baton Rouge, LA

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES
- [x] NEW WELL
- [ ] RECOMPLETION
- [ ] P & A

- [ ] 31 INACTIVE DRY HOLE FUT. UTIL.
- [ ] 32 INACTIVE DRY HOLE NO FUT. UTIL.
- [x] 36 INACTIVE WAITING ON PIPELINE
- [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT
- [ ] OIL
- [x] GAS
- [ ] OTHER

IF RECOMPLETION
- [ ] SAME RESERVOIR
- [ ] DIFFERENT RESERVOIR

DATE COMP., RECOMP., OR P & A (M D Y): 4/03/92

OPERATOR: Petrocana, Inc.

CODE: 4763

ADDRESS: P. O. Box 51542, Lafayette, LA 70505

WELL NAME: Walker Properties

WELL NO: 1

PARISH: Calcasieu

SEC. 18 TWP 11S RGE. 5W

DATE PERMIT ISSUED: 9/25/91

DATE SPUDDED (M D Y):

DATE READY TO PRODUCE*: 04/03/92

TOTAL DEPTH: 9090'

PBTD: 4138'

GROUND ELEVATION: 7.6

CASING HEAD FLANGE ELEVATION:

DISTANCE FROM RKB TO CHF:

DATE WELL TURNED INTO TANKS: -

SINGLE, DUAL OR TRIPLE COMPLETION?: Single

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?: no

WAS DIRECTIONAL SURVEY MADE?: no

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?:

DATE FILED:

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION): Logs filed under Serial No. 207055 on 12/10/87

DATE FILED: 12/10/87

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101	9-5/8		53.5	surf	2509'					
102	5-1/2		15.5	surf	5416'					
103										
104										
105										

TUBING SIZE: 2-3/8 DEPTH OF TUBING: 3952' DEPTH OF PACKER(S): 4150'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: 0 BOPD

GAS VOLUME: 500 MCF/DAY

GOR: 0 CF/BBL

CHOKE SIZE: 7.5 /64"

PRODUCING METHOD: F

FLOWING TUBING PRESSURE: 1600 psig

SHUT-IN TUBING PRESSURE: 1660 psig

CASING PRESSURE: 0

WATER PRODUCTION: 0 BPD

BS&W: 0 %

GRAVITY: n/a °API@60° F

BHP (SHUT-IN): est. 1820 psig

COMPANY REPRESENTATIVE: Wayne Landry

DATE GAUGED: 4/03/92

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state: That I am employed by Petrocana, Inc and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: Ginger Blanchet Title:

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc., the well has been shut-in.

APR 09 1992

LAFAYETTE OF CONSERVATION

FORM WH-1 (1-78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
I#1645-91	10-08-91	HLS	Perf 4176-78' and 4162-64' for squeeze.
	10-14-91	DMI	Perf 4167-73' for production. Unsuccessful.
I#566-92	04-03-92	Halliburton	Perf 3979-3985' for production.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

RECEIVED
MAY 29 1992
Office of Conservation
Well Files
Baton Rouge, LA

STATE OF LOUISIANA
OFFICE OF CONSERVATION
LOUISIANA STATE POTENTIAL REPORT

INPUT TYPE
1 - OC Only
2 - Original
3 - Correction
[2] 11

District LAFAYETTE
Field HAYES
Parish JEFF DAVIS
Operator PETROCANA, INC Code 4763
Sec. 18 TWP. 11S RGE. 5W Test Date 5 / 20 / 92
12 Mo. Day Yr.

TYPE OF WELL
[2] 18
1-OIL
2-GAS

TYPE OF TEST
[2] 19
1-COMPLETION
2-RECOMPLETION
3-RETEST

PRODUCING METHOD
[F] 20
F-FLOWING
P-PUMPING
G-GASLIFT

WELL SERIAL NO.	WELL NAME	WELL NO.	NAME OF RESERVOIR
213760	WALKER Properties	#1	3900' Sd. ~~Upper Miocene 5~~

27

TOTAL DEPTH	PERFORATED INTERVAL FROM	TO	CHOKE /64"	OIL BBLS/DAY	COND BBLS/DAY	GAS MCF/DAY	GAS/OIL RATIO CF/BBL
9090	3980	3984		Ø	Ø	265	—

33 38 43 48 51 57 63 69

PBTD 5298

API GRAV. @60° F.	WATER BBLS/DAY	BS&W %	FLOWING PRES. (PSIG)	CASING PRES. (PSIG)	DATE OF COMPLETION MO.	DAY	YR.
—	Ø	~~5~~	1480	Ø	4	2	92

76 80 86 89 95 101

CLOSE TANK/METER GAUGE ____ / Dry Gas. ____ / ____ TIME
OPEN TANK/METER GAUGE ____ / ____ / ____ TIME
DIFFERENCE ____ in ____ HOURS
TANK/METER NO. — TANK COEF. —

STATIC PRES. 900 DIFFERENTIAL PRES. 98 LINE SIZE 2.9
PLATE SIZE 0.375 COEFFICIENT 3.000 METER SPRING & DIFF. RANGE 150/100
REMARKS GAS: TEXAS GAS

RECEIVED
MAY 28 1992
LAFAYETTE DISTRICT OFFICE
OF CONSERVATION

WITNESSED BY [signature] GAUGED BY [signature]
TITLE CEA TITLE Consultant

SDM2 (1-78)

State of Louisiana

EDWIN W. EDWARDS
GOVERNOR

JOHN F. ALES
SECRETARY

H. W. THOMPSON
COMMISSIONER AND
ASSISTANT SECRETARY

DEPARTMENT OF NATURAL RESOURCES

AUGUST 10, 1992

PETROCANA,INC.
P. O. BOX 51542
LAFAYETTE, LA 70505

AMENDED PERMIT TO DRILL

RE: CALCASIEU PARISH
HAYES FIELD
VUA;HAYES U1 NO. 004
SER NO. 213760

GENTLEMEN:

WE ARE ISSUING PERMIT TO DRILL FOR THE ABOVE REFERENCED WELL WITH THE UNDERSTANDING THAT COMPLETION CANNOT BE IN ANY POOL IN WHICH THE LOCATION DOES NOT CONFORM WITH THE PROVISIONS OF STATEWIDE ORDER NO. 29-E.

NO ALLOWABLE WILL BE ASSIGNED THIS WELL UNLESS IN COMPLIANCE WITH THE ABOVE PROVISIONS.

VERY TRULY YOURS,

H. W. THOMPSON
OFFICE OF CONSERVATION

Felix J. Boudreaux

FELIX J. BOUDREAUX
DIVISON MANAGER

FJB:EL

CC: GERARD LEBLANC
LAFAYETTE, DIST. MGR.

29E

State of Louisiana

EDWIN W. EDWARDS
GOVERNOR

JOHN F. ALES
SECRETARY

H. W. THOMPSON
COMMISSIONER AND
ASSISTANT SECRETARY

DEPARTMENT OF NATURAL RESOURCES

July 13, 1992

OFFICE OF CONSERVATION
ATTN:PERMIT SECTION
P. O. BOX 94275
Baton Rouge, LA 70804-9275

Dear Mr. Boudreaux:

Enclosed herewith please find application from **Petrocana, Inc.** for permit to amend their well name & number from **Walker Properties #001** to **VUA; Hayes U1 #004**, Serial **#213760** **Hayes** Field, **Calcasieu** Parish.

RECEIVED
92 JUL 14 A8:56
OFFICE OF CONSERVATION
PERMIT SECTION

1007 Check No. forwarded under separate cover to the accounting section in Baton Rouge. A copy of this check is attached.

04-03-92 The effective date of this change.

Gas The product of this well.

29-E Lette

X Voluntary Unit Agreement and Plat attached.

A copy of location plat is attached.

X Attachment for Mr. Boudreaux.

No fee required for this change. Change being made per Office of Conservation Order No. .

Yours very truly,

Gerard E LeBlanc

Gerard E LeBlanc, Manager
Lafayette District

GEL:mjn

Encls.

cc: Prod. Audit/Anita Hebert
Baton Rouge, LA

P. O. Box 51285, Lafayette, LA 70505 - 825 Kaliste Saloom Rd., Brandywine 3, Ste. 220

AN EQUAL OPPORTUNITY EMPLOYER

PETROCANA, INC.
OPERATING ACCOUNT
P. O. BOX 51542
LAFAYETTE, LA 70505

(18)

L000803

PremierBank Lafayette, La.
Bank Code 07

NO 1007

84-44/652

June 19 19 92

PAY One hundred and xx/100 ---------- DOLLARS $ 100.00 ----

TO THE ORDER OF

State of Louisiana
Office of Conservation
P. O. Box 51285
Lafayette, LA 70505

PETROCANA, INC. - OPERATING ACCOUNT

Ralph Bowen

⑈001007⑈ ⑆065200447⑆710 1153 46 9⑈

PETROCANA, INC.
OPERATING ACCOUNT
LAFAYETTE, LA 70505

DETACH AND RETAIN THIS STATEMENT
THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW
IF NOT CORRECT, PLEASE NOTIFY US PROMPTLY NO RECEIPT DESIRED

Filing Fee MD-10-R-A HX

VUA; Hayes U1 Well No. 4 (Richmond Walker)
Hayes Field
Calcasieu Parish, LA
Serial No. 213760

FORM A D

STATE OF LOUISIANA
OFFICE OF CONSERVATION

REPORT OF PROOF OF APPARENT DEVIATION

SERIAL NO. 207055

OPERATOR Flynn Energy Corp. DISTRICT Lake Charles

FIELD Hayes PARISH Calcasieu

WELL NAME & NO. Walker Properties No. 2 SEC. 018 T 11S R 05W

Degrees Deviation	Deviation Factor
¼	.00436
½	.00873
¾	.01309
1	.01745
1¼	.02182
1½	.02618
1¾	.03054
2	.03490
2¼	.03926
2½	.04362
2¾	.04798
3	.05234
3¼	.05669
3½	.06105
3¾	.06540
4	.06976
4¼	.07411
4½	.07846
4¾	.08281
5	.08716
5¼	.09150
5½	.09585
5¾	.10019
6	.10453
6¼	.10887
6½	.11320
6¾	.11754
7	.12187
7¼	.12620
7½	.13053
7¾	.13485
8	.13917
8¼	.14349
8½	.14781
8¾	.15212
9	.15643
9¼	.16074
9½	.16505
9¾	.16935
10	.17365

DEGREES DEVIATION	DEPTH FROM SURFACE	LENGTH OF INTERVAL	DEVIATION FACTOR	DEVIATION OF INTERVAL	CUMULATIVE APPARENT DEVIATION	REMARKS
¼°	500'	500'	.00436	2.1800	2.1800	
¼°	1025'	525'	.00436	2.2890	4.4690	
1°	1521'	496'	.01745	8.6552	13.1242	
3/4°	2027'	506'	.01309	6.6235	19.7477	
3/4°	2500'	473'	.01309	6.1916	25.9393	
½°	3025'	525'	.00873	4.5833	30.5226	
¼°	3500'	475'	.00436	2.0710	32.5936	
½°	4000'	500'	.00873	4.3650	36.9586	
½°	4450'	450'	.00873	3.9285	40.8871	
¼°	5000'	550'	.00436	2.3980	43.2851	
½°	5504'	504'	.00873	4.3999	47.6850	
2¼°	5868'	364'	.03926	14.2906	61.9756	
2°	6468'	600'	.03490	20.9400	82.9156	
3/4°	7028'	560'	.01309	7.3304	90.2460	
3½°	7820'	792'	.06105	48.3516	138.5976	
3¼°	7975'	155'	.05669	8.7870	147.3846	
2¼°	8278'	303'	.03926	11.8958	159.2804	
2¼°	8600'	322'	.03926	12.6417	171.9221	
1¼°	9090'	490'	.02182	10.6918	182.6139	

RECEIVED
DEC 05 1991
LAFAYETTE DISTRICT OFFICE
OF CONSERVATION

Certified as Being True & Correct by Monica S. Boutte Title Secretary Date 12/9/87

THREE (3) SIGNED COPIES OF THIS REPORT SHOULD BE SUBMITTED WITH FORM WH ON ALL WELLS, EXCEPT AS NOTED ON THE REVERSE SIDE.

SEE INSTRUCTIONS ON REVERSE SIDE

586

STATE OF LOUISIANA

PARISH OF LAFAYETTE

AFFIDAVIT

BEFORE ME, the undersigned authority, duly commissioned and qualified within and for the State aforesaid, personally appeared BRUCE BOWN, who, being by me first duly sworn, deposed and said: That he is presently employed as Secretary/Treasurer representing Petrocana, Inc.

The affiant declares that on March 1, 1992 he reviewed the Pooling and Unitization Contract for the 1280 Acre unit for production of gas and distillate only in the Hayes Field and can attest to the following:

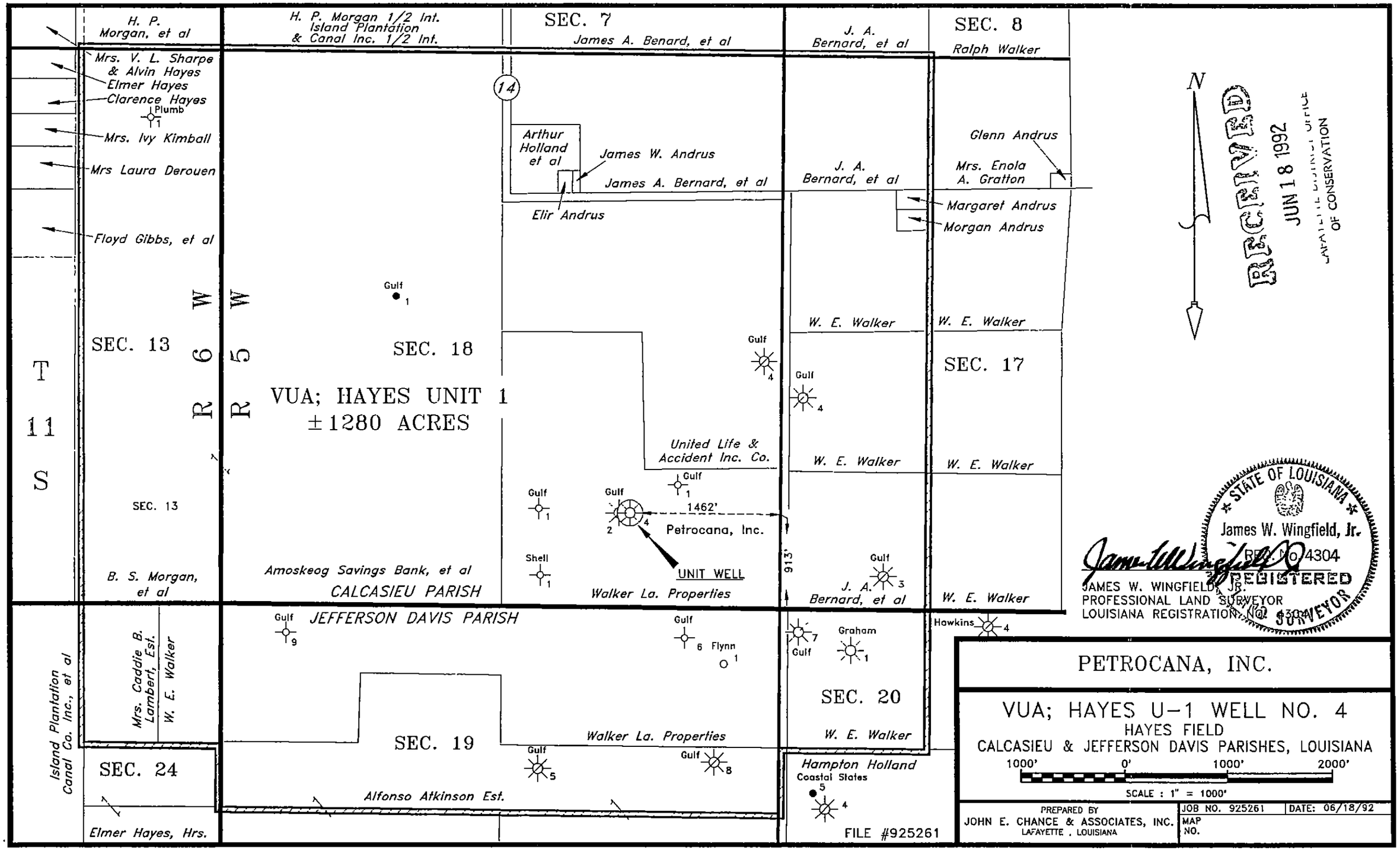
1. The Pooling and Unitization Contract has been executed by 100% of the parties owning a mineral interest within the area covered by such unit.
2. The fully executed agreement has been filed of record with the Clerks of Court for Jefferson Davis and Calcasieu Parishes, La.
3. The Unit is currently in effect.
4. The well is in compliance with Statewide Order 29E being 330' or greater from the unit boundary.

Secretary/Treasurer

SWORN TO AND SUBSCRIBED BEFORE ME
THIS 15TH DAY OF JUNE, 1992.

NOTARY PUBLIC

RECEIVED
JUN 18 1992
LAFAYETTE DISTRICT OFFICE
OF CONSERVATION


H. P. Morgan, et al
H. P. Morgan 1/2 Int. Island Plantation & Canal Inc. 1/2 Int.
SEC. 7
James A. Benard, et al
J. A. Bernard, et al
SEC. 8
Ralph Walker
Mrs. V. L. Sharpe & Alvin Hayes
Elmer Hayes
Clarence Hayes
Plumb 1
Mrs. Ivy Kimball
Mrs Laura Derouen
Floyd Gibbs, et al
14
Arthur Holland et al
James W. Andrus
James A. Bernard, et al
Elir Andrus
J. A. Bernard, et al
Glenn Andrus
Mrs. Enola A. Gratton
Margaret Andrus
Morgan Andrus
N
T 11 S
R 6 W
R 5 W
SEC. 13
Gulf 1
SEC. 18
VUA; HAYES UNIT 1
±1280 ACRES
W. E. Walker
W. E. Walker
SEC. 17
Gulf 4
Gulf 4
United Life & Accident Inc. Co.
W. E. Walker
W. E. Walker
Gulf 1
Gulf 1
Gulf 2 4
1462'
Petrocana, Inc.
SEC. 13
Shell 1
UNIT WELL
913'
Gulf 3
B. S. Morgan, et al
Amoskeog Savings Bank, et al
CALCASIEU PARISH
Walker La. Properties
J. A. Bernard, et al
W. E. Walker
Gulf 9
JEFFERSON DAVIS PARISH
Gulf 6
Flynn 1
Gulf 7
Graham 1
Hawkins 4
Island Plantation Canal Co. Inc., et al
Mrs. Caddie B. Lambert, Est.
W. E. Walker
SEC. 20
W. E. Walker
SEC. 19
Walker La. Properties
Gulf 5
Gulf 8
SEC. 24
Hampton Holland
Coastal States 5
4
Alfonso Atkinson Est.
Elmer Hayes, Hrs.
FILE #925261
RECEIVED
JUN 18 1992
LAFAYETTE DISTRICT OFFICE
OF CONSERVATION
STATE OF LOUISIANA
James W. Wingfield, Jr.
REG. No. 4304
REGISTERED
SURVEYOR
JAMES W. WINGFIELD, JR.
PROFESSIONAL LAND SURVEYOR
LOUISIANA REGISTRATION No. 4304
PETROCANA, INC.
VUA; HAYES U-1 WELL NO. 4
HAYES FIELD
CALCASIEU & JEFFERSON DAVIS PARISHES, LOUISIANA
1000' 0' 1000' 2000'
SCALE : 1" = 1000'
PREPARED BY
JOHN E. CHANCE & ASSOCIATES, INC.
LAFAYETTE , LOUISIANA
JOB NO. 925261
DATE: 06/18/92
MAP NO.

29-E COMPLIANCE	YES ____	NO ____
29-E UNIT ATTACHED	YES ____	NO ____

O.C. USE ONLY

RECEIVED
DEC 22 1992
Office of Conservation
Well Files
Baton Rouge, LA

STATE OF LOUISIANA
OFFICE OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

DISTRICT Lafayette

CODE NUMBERS:		
10	PARISH	Calcasieu
4439	FIELD	Hayes
4763	OPERATOR	Petrocana, Inc. P. O. Box 51542, Lafayette, LA 70505
	WELL NAME	VUA; Hayes U1 NO. 4 SERIAL NO. 213760
	RESERVOIR	Unsuccessful Workover

DATE 12/18/92

1 - ON-SHORE
3 - OFF-SHORE: 1

SEC 18 T 11S R 5W

OC ORDER NO. ____

9-8-92 COMPLETION DATE

8 TIME AM [ ] PM [X]

IMPORTANT: IS A FORM MD-10-R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES [ ] NO [ ]

REMARKS: n/a

COMPLETION DATA:

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
2 (1 - ORIG. COMP; 2 - RE-COMP.)	[ ] 1 - OIL; 2 - GAS; 3 - DRY GAS	[ ] 1 - YES; 2 - NO	[ ] F - FLOWING; G L- GAS LIFT; P - PUMPING	3 3 — SEE REVERSE SIDE FOR CODE

* IF THIS IS A RE-COMPLETION SPECIFY: SAME RESERVOIR [ ] DIFFERENT RESERVOIR [ ]

INITIAL PROD	GAS VOLUME	FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE
____ BOPD	____ MCF/DAY	____ PSIG	____ PSIG	____ PSIG

CHOKE SIZE	WATER PROD.	BS & W	GOR	GRAVITY
____/64" [ ] 1 - POSITIVE; 2 - ADJUST	____ BPD	____ %	____ CF/BBL	____ API AT 60° F

PERFORATIONS ____ TOTAL DEPTH 9090

CLEARANCE & CERTIFICATION:

ADDITIONAL CLEARANCE IS REQUESTED FOR ____ BBLS. OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST: (SEE SECTION X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE).

RECEIVED
DEC 21 1992
LAFAYETTE DISTRICT OFFICE
OF CONSERVATION

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Ginger Blanchet
SIGNATURE

Petrocana, Inc.
OPERATOR

TITLE

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITHIN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1).

FORM COMP (REV. 1 76)

OFFICE OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

> All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

TEST DATA

Date of Test	Time of Test	Amount of Oil Produced
_____	_____M. to _____M.	_____Barrels
_____	_____M. to _____M.	_____Barrels
_____	_____M. to _____M.	_____Barrels
_____	_____M. to _____M.	_____Barrels
_____	_____M. to _____M.	_____Barrels

TOTAL _____ BARRELS

The above total barrels of oil were produced from _____ Ft. to _____ Ft.

Remarks: _____

_____

_____ _____

OPERATOR (Signed) OPERATOR REPRESENTATIVE

CODES TO USE IN REPORTING STATUS OF WELL

10 Active
33 Inactive-Future Utility (does not include waiting on pipeline or market)
36 Inactive waiting on pipeline
37 Inactive waiting on market

RECEIVED
DEC 22 1992
Office of Conservation
Well Files
Baton Rouge, LA

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

● SERIAL NO: 213760

PRODUCING INTERVAL: Unsuccessful Workover

RESERVOIR (COMPANY SAND IDENTIFICATION):

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES
- [ ] NEW WELL
- [X] RECOMPLETION
- [ ] P & A

● [X] 31 INACTIVE DRY HOLE FUT UTIL
- [ ] 32 INACTIVE DRY HOLE NO FUT. UTIL.
- [ ] 36 INACTIVE WAITING ON PIPELINE
- [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT: [ ] OIL [ ] GAS [ ] OTHER

IF RECOMPLETION: [ ] SAME RESERVOIR [ ] DIFFERENT RESERVOIR

DATE COMP., RECOMP., OR P & A ● M D Y: 9-8-92

OPERATOR: Petrocana, Inc.

CODE ●: 4763

ADDRESS: P. O. Box 51542, Lafayette, LA 70505

WELL NAME: VUA; Hayes U1

WELL NO: 4

PARISH: Calcasieu

SEC 18 TWP. 11S RGE. 5W

DATE PERMIT ISSUED: 8-20-92

DATE SPUDDED ● M D Y:

DATE READY TO PRODUCE*:

TOTAL DEPTH: 9090'

PBTD: 5298'

GROUND ELEVATION:

CASING HEAD FLANGE ELEVATION:

DISTANCE FROM RKB TO CHF:

DATE WELL TURNED INTO TANKS:

SINGLE, DUAL OR TRIPLE COMPLETION?

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?

WAS DIRECTIONAL SURVEY MADE?

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?

DATE FILED:

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION)

DATE FILED:

CASING, LINER AND TUBING RECORD

●	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101	9-5/8		53.5	surf	2509					
102	5-1/2		15.5	surf	5416					
103										
104										
105										

● TUBING SIZE: 2-3/8 ● DEPTH OF TUBING: 3948 ● DEPTH OF PACKER(S): none

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: BOPD

GAS VOLUME: MCF/DAY

GOR: CF/BBL

CHOKE SIZE: /64"

PRODUCING METHOD:

FLOWING TUBING PRESSURE: psig

SHUT-IN TUBING PRESSURE: psig

CASING PRESSURE:

WATER PRODUCTION: BPD

BS&W: %

GRAVITY: °API@60° F

BHP (SHUT-IN): psig

COMPANY REPRESENTATIVE:

DATE GAUGED:

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state: That I am employed by Petrocana, Inc and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: Ginger Blanchet Title:

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc., the well has been shut-in.

RECEIVED
DEC 21 1992
LAFAYETTE DISTRICT OFFICE
OF CONSERVATION

FORM WH-1 (1 78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L#1430-92	9-7-92	Halliburton	Attempted to set plug - couldn't get down.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

STATE OF LOUISIANA
OFFICE OF CONSERVATION
AMENDED PERMIT TO DRILL FOR MINERALS

...$100.00

213760 SERIAL NO DATE 09/01/93 EFFECTIVE 07/01/93

CURRENT CODES

010	PARISH	CALCASIEU	DISTRICT LAFAYETTE
4439	FIELD	HAYES	
U015	OPERATOR	UNITED WORLD ENERGY CORP.	
2	PRODUCT	P. O. BOX 32166	
L000880	MA	LAFAEYETTE, LA	70593

3-213760 WELL NAME VUA;HAYES U1 NO. 004
LOCATION OF WELL SEC 018 T 11S R 05W
FORMER OPERATOR NAME: PETROCANA,INC. 4763

APPLICABLE OFFICE OF CONSERVATION ORDER

H. W. THOMPSON
COMMISSIONER

FELIX J. BOUDREAUX
ISSUING AUTHORITY

WELL FILE

United world Energy Corp
P.O. Box 32166
Lafayette, LA. 70593-2166

(18)

#7

L000880

84-40/652

8-21 19 93

PAY TO THE ORDER OF Office of Conservation $ 400 00/xx

Four hundred + no/00 DOLLARS

FIRST NATIONAL BANK
LAFAYETTE, LOUISIANA 70501

FOR Change of Operator Hayes #1, #2, #3, #4

Wayne Landry

⑆065200405⑆ 0003 828171

State of Louisiana

EDWIN W. EDWARDS
GOVERNOR

JOHN F. ALES
SECRETARY

H. W. THOMPSON
COMMISSIONER AND
ASSISTANT SECRETARY

DEPARTMENT OF NATURAL RESOURCES

August 25, 1993

OFFICE OF CONSERVATION
ATTN: F. J. BOUDREAUX
P. O. BOX 94275
BATON ROUGE, LA 70804-9275

Dear Mr Boudreaux:

Enclosed herewith please find application for permit to amend the operator name from Petrocana, Inc. to United World Energy Corp. on the following wells in the Hayes Field, Jefferson Davis Parish.

WELL NAME & NO.	SERIAL NO.	PRODUCT	EFFECTIVE DATE
VUA;Hayes U1 #003	195098	Gas	07-01-93
VUA;Hayes U1 #001	206344	Oil	07-01-93
VUA;Hayes U1 #002	208909	Oil	07-01-93
VUA;Hayes U1 #004	213760	Gas	07-01-93

Also enclosed is a copy of check No. 7 for $400.00. This check was forwarded under separate cover to the Baton Rouge Accounting Section.

Yours very truly,

Gerard E LeBlanc

Gerard E LeBlanc, Manager
Lafayette District

RECEIVED
93 AUG 25 AM 10:27

GEL:mjn

Encls.
cc: Audit Section/Anita Hebert
Baton Rouge, LA

29-E COMPLIANCE ____ YES ____ NO

29-E UNIT ATTACHED ____ YES ____ NO

O.C. USE ONLY

STATE OF LOUISIANA
OFFICE OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

DISTRICT Lafayette

CODE NUMBERS:

10

4439

U-015

DATE April 27, 1994

[1] 1 - ON-SHORE 3 - OFF-SHORE

PARISH Calcasieu

SEC. 18 T 11S R 5W

FIELD Hayes

OC ORDER NO

OPERATOR United World Energy Corp.

WELL NAME Vua Hayes U1 NO 4 SERIAL NO 213760

RESERVOIR 4050'Sand

04-08-94 COMPLETION DATE

9:00 TIME [x] AM [ ] P

IMPORTANT: IS A FORM MD-10-R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES [ ] NO [x]

REMARKS: Not needed unit well

COMPLETION DATA:

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
[2] 1 - ORIG. COMP. 2 - RE-COMP.	[3] 1 - OIL 2 - GAS 3 - DRY GAS	[2] 1 - YES 2 - NO	[F] F - FLOWING GL - GAS LIFT P - PUMPING	[1][0] SEE REVERSE SID FOR CODE

* IF THIS IS A RE-COMPLETION SPECIFY: SAME RESERVOIR [ ] DIFFERENT RESERVOIR [x]

0	190	1490	1540	650
INITIAL PROD. BOPD	GAS VOLUME MCF/DAY	FLOWING TUBING PRESSURE PSIG	SHUT-IN TUBING PRESSURE PSIG	CASING PRESSURE PSIG

6 /64" [1] 1 - POSITIVE 2 - ADJUST	0	0	0	0
CHOKE SIZE	WATER PROD. BPD	BS & W %	GOR CF/BBL	GRAVITY API AT 60° F

PERFORATIONS 4043'-47' TOTAL DEPTH 4117'

CLEARANCE & CERTIFICATION:

ADDITIONAL CLEARANCE IS REQUESTED FOR ____ BBLS. OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST: (SEE SECTION X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE)

RECEIVED MAY 17 1994 Office of Conservation Well Files Baton Rouge, LA

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

RECEIVED MAY 02 1994 LAFAYETTE DISTRICT OFFICE OF CONSERVATION

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITHIN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1).

Wayne Landry SIGNATURE

UWEC OPERATOR

Pres TITLE

FORM COMP (REV. 1 78)

RECEIVED

MAY 0 4 1994

Office of Conservation
Well Files
Baton Rouge, LA

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO.: 213760

PRODUCING INTERVAL: 4043' - 4047'

RESERVOIR (COMPANY SAND IDENTIFICATION): MIOCENE

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES: [ ] NEW WELL [X] RECOMPLETION [ ] P & A

[ ] 31 INACTIVE DRY HOLE FUT. UTIL
[ ] 32 INACTIVE DRY HOLE NO FUT. UTIL
[ ] 36 INACTIVE WAITING ON PIPELINE
[ ] 37 INACTIVE WAITING ON MARKET

PRODUCT: [ ] OIL [X] GAS [ ] OTHER

IF RECOMPLETION: [ ] SAME RESERVOIR [X] DIFFERENT RESERVOIR

DATE COMP., RECOMP., OR P & A (M D Y): 04/08/94

OPERATOR: United World Energy Corp. | CODE: U-015 | ADDRESS: P. O. Box 32166

WELL NAME: Hayes Unit 1 | WELL NO: 1

PARISH: Calcashieu | SEC. 18 TWP. 11-S RGE. 5-W | DATE PERMIT ISSUED:

DATE SPUDDED (M D Y): 03/31/94 | DATE READY TO PRODUCE*: 04/08/94 | TOTAL DEPTH: 9090' | PBTD: 4117'

GROUND ELEVATION: | CASING HEAD FLANGE ELEVATION: | DISTANCE FROM RKB TO CHF: 21.6'

DATE WELL TURNED INTO TANKS: 04/08/94 | SINGLE, DUAL OR TRIPLE COMPLETION?: Single | NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?: No | WAS DIRECTIONAL SURVEY MADE?: No | WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?: Yes | DATE FILED: 04/20/94

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION): Dual Induction/SFL Compensated Sonic/Gamma Perf Log | DATE FILED: 12/10/84

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
01	14"		.375	0	9'					
02	9 5/8"		53.5	0	2509'	1175	1500	1/2	11/02/87	
03	5 1/2"		15.5	0	5416'					
04	2 7/8		6.5	3190	4117'	35	1500	1/2	04/04/94	
05										

TUBING SIZE: 2 3/8 | DEPTH OF TUBING: 3186' | DEPTH OF PACKER(S): 3190'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: 0 BOPD | GAS VOLUME: 190 MCF/DAY | GOR: 0 CF/BBL | CHOKE SIZE: 6 /64" | PRODUCING METHOD: Flowing

FLOWING TUBING PRESSURE: 1490 psig | SHUT-IN TUBING PRESSURE: 1540 psig | CASING PRESSURE: 650 | WATER PRODUCTION: 0 BPD | BS&W: 0 %

GRAVITY: 0 °API@60° F | BHP (SHUT-IN): 1666 Est. psig | COMPANY REPRESENTATIVE: Wayne Landry | DATE GAUGED: 04/21/94

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state: That I am employed by UWEC and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: Wayne Landry | Title: [illegible]

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc., the well has been shut-in.

RECEIVED
MAY 0 2 1994
LAFAYETTE DISTRICT OFFICE
OF CONSERVATION

FORM WH-1 (1-78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L-524-94	03/31/94	B.T.Serv.	Cmt. 2 7/8 Liner inside of parted 5 1/2 perf zone @ 4043'-4047'.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

RECEIVED

MAY 0 4 1994

Office of Conservation
Well Files
Baton Rouge, LA

STATE OF LOUISIANA
OFFICE OF CONSERVATION
LOUISIANA STATE POTENTIAL REPORT

RECEIVED

MAY 3 1994

LAFAYETTE DISTRICT OFFICE
OF CONSERVATION

INPUT TYPE

1 - OC Only
2 - Original
3 - Correction

[2] 11

District LAFAYETTE
Field HAYES
Parish CALCASIEU
Operator United World Energy Corp Code U015 7
Sec. 18 TWP. 11S RGE. 6W Test Date 4 / 22 / 94 12 Mo. Day Yr.

TYPE OF WELL

[2] 18
1-OIL
2-GAS

TYPE OF TEST

[2] 19
1-COMPLETION
2-RECOMPLETION
3-RETEST

PRODUCING METHOD

[F] 20
F-FLOWING
P-PUMPING
G-GASLIFT

WELL SERIAL NO.	WELL NAME	WELL NO.	NAME OF RESERVOIR
213760	HAYES UNIT 1	4	4050 MIO

27

TOTAL DEPTH	PERFORATED INTERVAL FROM	TO	CHOKE /64"	OIL BBLS/DAY	COND. BBLS/DAY	GAS MCF/DAY	GAS/OIL RATIO CF/BBL
9090	4043	4047	6	Ø	Ø	190	—

33 38 43 48 51 57 63 69

PBTD 4117

API GRAV. @60° F.	WATER BBLS/DAY	BS&W %	FLOWING PRES. (PSIG)	CASING PRES. (PSIG)	DATE OF COMPLETION MO.	DAY	YR.
Ø	Ø	—	1440	690	4	8	94

76 80 86 89 95 101

CLOSE TANK/METER GAUGE _____ @ _____ TIME
OPEN TANK/METER GAUGE Dry Gas @ _____ TIME
DIFFERENCE _____ in _____ HOURS
TANK/METER NO. _____ TANK COEF. _____

STATIC PRES. 72 DIFFERENTIAL PRES. 8 LINE SIZE 2.400
PLATE SIZE 0.625 COEFFICIENT 5.000 METER SPRING & DIFF. RANGE 1500/100
REMARKS GAS: Texas Gas OIL: No oil production

WITNESSED BY [signature] GAUGED BY [signature]
TITLE CEP TITLE President

SDM2 (1-70)

STATE OF LOUISIANA
OFFICE OF CONSERVATION
AMENDED PERMIT TO DRILL FOR MINERALS

(CORRECTED)

213760 SERIAL NO.

DATE 10/25/2000

EFFECTIVE 01/01/2001

CURRENT CODE

10	PARISH	CALCASIEU
4439	FIELD	HAYES
U015	OPERATOR	UNITED WORLD ENERGY CORP.
20	PRODUCT	2006 AMBASSADOR CAFFERY PKWY
		LAFAYETTE, LA 70506-0000

LAFAYETTE DISTRICT

7-302918 WELL NAME VUA;HAYES U1

NO. 004

LOCATION OF WELL SEC 018 T 11S R 05W M W

FORMER WELL NAME:VUA;HAYES U1 004 3-213760

APPLICABLE OFFICE OF CONSERVATION ORDERS:

PHILIP N. ASPRODITES

COMMISSIONER OF CONSERVATION

TODD KEATING

ISSUING AUTHORITY

WELL FILE

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN9960

Serial Num 213760 **Date** April 1, 2008	**Operator** United World Energy Corp. **Id** U015
Lease Name VUA;HAYES U1 # 004	**Address** 2006 Ambassador Caffery Pkwy
Section: 018 **Township:** 11S **Range:** 05W	Lafayette , LA 70506-0000
Parish CALCASIEU	**Phone**
Field Hayes Id: 4439	**Contact** Wayne Landry

A. INSPECTION REASON

Periodic **Complaint #** **Order #**

B. FACILITY TYPE

Single Lease **Commingled:** N **Permit no.** **Oil** N **Gas** N **Both** Y

C. WELL SITE

1. **IDENTIFICATION** Passed
2. **CONDITION** Passed

Violations:

Well Site Comments:

D. TANK BATTERY

1. **IDENTIFICATION** Passed

Violations:

2. **CONTAINMENT** Passed **Type** **Reference well:**

Violations:

3. **BLEEDERS** **Exist:** N/A Passed

Violations:

4. **PIPELINE SALES VALVES** Passed Transport

Violations:

5. **B S & W VALVES** Passed

Violations:

6. **MECHANICAL ARRANGEMENT** Passed

Violations:

7. **STRUCTURAL INTEGRITY OF STORAGE TANKS** Passed

Violations:

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN9960

8. VENTING OF STORAGE TANK Passed

Violations:

Tank Battery Comments: WELL NOT EQUIPPED FOR PRODUCTION

E. FIRE HAZARD Passed

Violations:

Fire Comments:

F. DISCHARGE OF E&P Passed

Violations:

Discharge Status:

Discharge Comments:

G. DISPOSITION OF E&P

Site Id **Permit No:**

H. EXISTENT PITS No **I. NO. OF WELLS ON LEASE** 2

REMARKS

THE OPERATOR'S REPRESENTATIVE SHALL SIGN THIS REPORT TO ACKNOWLEDGE RECEIPT OF HIS COPY, YOUR SIGNATURE CANNOT BE CONSTRUED AS AN ADMISSION OF GUILT FOR ANY VIOLATIONS CONTAINED IN THIS REPORT.

April 1, 2008 **IN COMPLIANCE** **Yes** **Sealed**

Operator's Representative

LEO SONNIER April 1, 2008

Conservation Enforcement Agent

Sonris Id: 2854

Latitude (Deg/Min/Sec:) 30 5 5.6 Longitude (Deg/Min/Sec:) 92 54 57.6 GPS Position: SW

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

Serial Num 213760 **Date** June 30, 2011	**Operator** United World Energy Corp. **Id** U015
Lease Name VUA;HAYES U1 # 004	**Address** 2006 Ambassador Caffery Pkwy
Section: 018 **Township:** 11S **Range:** 05W	Lafayette , LA 70506-0000
Parish CALCASIEU	**Phone**
Field Hayes Id: 4439	**Contact** Debra Lemoine

A. INSPECTION REASON

Periodic **Complaint #:** **Order #:**

B. FACILITY TYPE

Multi Lease **Commingled:** N **Permit no.** **Oil:** N **Gas:** N **Both:** Y

C. WELL SITE

1. **IDENTIFICATION:** Deficiency 2. **CONDITION:** Deficiency

Violation(s): No Ws Id

Violation(s): Wellhead Not Maintained

Violation(s):

Well Site Comments: see photo, well head not maintained

D. TANK BATTERY

1. **IDENTIFICATION:** Passed

Violation(s):

2. **CONTAINMEN** Passed **Type:** **Reference well:**

Violation(s):

3. **BLEEDERS** **Exist:** N/A Passed

Violation(s):

4. **PIPELINE SALES VALVES:** Passed **Transporter:**

Violation(s):

5. **B S & W VALVES:** Passed

Violation(s):

6. **MECHANICAL ARRANGEMENT:** Passed

Violation(s):

7. **STRUCTURAL INTEGRITY OF STORAGE TANKS** Passed

Violation(s):

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

8. VENTING OF STORAGE TANK Passed

Violation(s):

Tank Battery Comments:

E. FIRE HAZARD Deficiency

Violation(s): Vegetation - Fire Hazard

Violation(s):

Fire Comments: see photo excessive vegitation around well site

F. DISCHARGE OF E&P Passed

Violation(s):

Discharge Status:

Discharge Comments:

G. DISPOSITION OF E&P

Site Id: **Permit No:**

H. EXISTENT PITS: No **I. NO. OF WELLS ON LEASE:** 4

REMARKS: well site appears abandoned

THE OPERATOR'S REPRESENTATIVE SHALL SIGN THIS REPORT TO ACKNOWLEDGE RECEIPT OF HIS COPY, YOUR SIGNATURE CANNOT BE CONSTRUED AS AN ADMISSION OF GUILT FOR ANY VIOLATIONS CONTAINED IN THIS REPORT.

No Witness June 30, 2011 **IN COMPLIANCE** No **Sealed:** N

Operator's Representative

LEO SONNIER June 30, 2011

Conservation Enforcement Agent

Sonris Id: 93

Latitude (Deg/Min/Sec:) **Longitude (Deg/Min/Sec:)** **GPS Position:**

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

Subject: sn 213760

Photo File Name: F1878765622/IMG_0411.JPG

Subject: sn 213760

Photo File Name: F1457885302/IMG_0412.JPG

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

Serial Num 213760 **Date** December 28, 2011	**Operator** United World Energy Corp. **Id** U015
Lease Name VUA;HAYES U1 # 004	**Address** 2006 Ambassador Caffery Pkwy
Section: 018 **Township:** 11S **Range:** 05W	Lafayette , LA 70506-0000
Parish CALCASIEU	**Phone**
Field Hayes Id: 4439	**Contact** Debra Lemoine

A. INSPECTION REASON

Compliance Order **Complaint #:** **Order #:** 11-0949

B. FACILITY TYPE

Multi Lease **Commingled:** N **Permit no.** **Oil:** N **Gas:** N **Both:** Y

C. WELL SITE

1. **IDENTIFICATION:** Passed 2. **CONDITION:** Passed

Violation(s):

Well Site Comments: WELL HAS NOT BEEN PLUGGED AND ABANDONED

D. TANK BATTERY

1. **IDENTIFICATION:** Passed

Violation(s):

2. **CONTAINMEN** Passed **Type:** **Reference well:**

Violation(s):

3. **BLEEDERS** **Exist:** N/A Passed

Violation(s):

4. **PIPELINE SALES VALVES:** Passed **Transporter:**

Violation(s):

5. **B S & W VALVES:** Passed

Violation(s):

6. **MECHANICAL ARRANGEMENT:** Passed

Violation(s):

7. **STRUCTURAL INTEGRITY OF STORAGE TANKS** Passed

Violation(s):

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

8. VENTING OF STORAGE TANK Passed

Violation(s):

Tank Battery Comments: WELL HAS NOT BEEN PLUGGED AND ABANDONED

E. FIRE HAZARD Passed

Violation(s):

Fire Comments: WELL HAS NOT BEEN PLUGGED AND ABANDONED

F. DISCHARGE OF E&P Passed

Violation(s):

Discharge Status:

Discharge Comments: WELL HAS NOT BEEN PLUGGED AND ABANDONED

G. DISPOSITION OF E&P

Site Id: **Permit No:**

H. EXISTENT PITS: No **I. NO. OF WELLS ON LEASE:**

REMARKS: WELL HAS NOT BEEN PLUGGED AND ABANDONED

THE OPERATOR'S REPRESENTATIVE SHALL SIGN THIS REPORT TO ACKNOWLEDGE RECEIPT OF HIS COPY, YOUR SIGNATURE CANNOT BE CONSTRUED AS AN ADMISSION OF GUILT FOR ANY VIOLATIONS CONTAINED IN THIS REPORT.

No Witness December 28, 2011 **IN COMPLIANCE** **Yes** **Sealed:** N
Operator's Representative

LEO SONNIER December 28, 2011
Conservation Enforcement Agent

Sonris Id: 299

Latitude (Deg/Min/Sec:) **Longitude (Deg/Min/Sec:)** **GPS Position:**

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

Serial Num 213760 **Date** May 3, 2013	**Operator** United World Energy Corp. **Id** U015
Lease Name VUA;HAYES U1 # 004	**Address** 2006 Ambassador Caffery Pkwy
Section: 018 **Township:** 11S **Range:** 05W	Lafayette , LA 70506-0000
Parish CALCASIEU	**Phone**
Field Hayes Id: 4439	**Contact** Wayne Landry

A. INSPECTION REASON

Reinspection **Complaint #:** **Order #:** 11-0949

B. FACILITY TYPE

Multi Lease **Commingled:** N **Permit no.** **Oil:** N **Gas:** N **Both:** Y

C. WELL SITE

1. **IDENTIFICATION:** Passed 2. **CONDITION:** Passed

Violation(s):

Well Site Comments: WELL HAS BEEN EQUIPPED FOR PRODUCTION.

D. TANK BATTERY

1. **IDENTIFICATION:** Passed

Violation(s):

2. **CONTAINMEN** Passed **Type:** 100% Capacity **Reference well:**

Violation(s):

3. **BLEEDERS** **Exist:** N/A Passed

Violation(s):

4. **PIPELINE SALES VALVES:** Passed **Transporter:** 8290 PLAINS MKTG. & TRANSP. INC.

Violation(s):

5. **B S & W VALVES:** Passed

Violation(s):

6. **MECHANICAL ARRANGEMENT:** Passed

Violation(s):

7. **STRUCTURAL INTEGRITY OF STORAGE TANKS** Passed

Violation(s):

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

8. VENTING OF STORAGE TANK Passed

Violation(s):

Tank Battery Comments:

E. FIRE HAZARD Passed

Violation(s):

Fire Comments:

F. DISCHARGE OF E&P Passed

Violation(s):

Discharge Status:

Discharge Comments:

G. DISPOSITION OF E&P

Site Id: **Permit No:**

H. EXISTENT PITS: No **I. NO. OF WELLS ON LEASE:**

REMARKS:

THE OPERATOR'S REPRESENTATIVE SHALL SIGN THIS REPORT TO ACKNOWLEDGE RECEIPT OF HIS COPY, YOUR SIGNATURE CANNOT BE CONSTRUED AS AN ADMISSION OF GUILT FOR ANY VIOLATIONS CONTAINED IN THIS REPORT.

No Witness May 3, 2013 **IN COMPLIANCE** **Yes** **Sealed:** N
Operator's Representative

LEO SONNIER May 3, 2013
Conservation Enforcement Agent

Sonris Id: 1077

Latitude (Deg/Min/Sec:) 30 5 6 Longitude (Deg/Min/Sec:) 92 54 58 GPS Position: SW

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

Subject: 213760

Photo File Name: F-2049444157/IMG_0233.JPG

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

Serial Num 213760 **Date** October 27, 2014	**Operator** United World Energy Corporation **Id** U015
Lease Name VUA;HAYES U1 # 004	**Address** 2006 Ambassador Caffery Pkwy
Section: 018 **Township:** 11S **Range:** 05W	Lafayette , LA 70506-0000
Parish CALCASIEU	**Phone**
Field Hayes Id: 4439	**Contact** Wayne Landry

A. INSPECTION REASON

Periodic **Complaint #:** **Order #:**

B. FACILITY TYPE

Multi Lease **Commingled:** N **Permit no.** **Oil:** N **Gas:** N **Both:** Y

C. WELL SITE

1. **IDENTIFICATION:** Passed 2. **CONDITION:** Passed

Violation(s):

Well Site Comments:

D. TANK BATTERY

1. **IDENTIFICATION:** Passed

Violation(s):

2. **CONTAINMEN** Passed **Type:** **Reference well:**

Violation(s):

3. **BLEEDERS** **Exist:** N/A Passed

Violation(s):

4. **PIPELINE SALES VALVES:** Passed **Transporter:**

Violation(s):

5. **B S & W VALVES:** Passed

Violation(s):

6. **MECHANICAL ARRANGEMENT:** Passed

Violation(s):

7. **STRUCTURAL INTEGRITY OF STORAGE TANKS** Passed

Violation(s):

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

8. VENTING OF STORAGE TANK Passed

Violation(s):

Tank Battery Comments:

E. FIRE HAZARD Passed

Violation(s):

Fire Comments:

F. DISCHARGE OF E&P Passed

Violation(s):

Discharge Status:

Discharge Comments:

G. DISPOSITION OF E&P

Site Id: **Permit No:**

H. EXISTENT PITS: No **I. NO. OF WELLS ON LEASE:**

REMARKS:

THE OPERATOR'S REPRESENTATIVE SHALL SIGN THIS REPORT TO ACKNOWLEDGE RECEIPT OF HIS COPY, YOUR SIGNATURE CANNOT BE CONSTRUED AS AN ADMISSION OF GUILT FOR ANY VIOLATIONS CONTAINED IN THIS REPORT.

No Witness October 27, 2014 **IN COMPLIANCE** **Yes** **Sealed:** N
Operator's Representative

LEO SONNIER October 27, 2014
Conservation Enforcement Agent

Sonris Id: 425

Latitude (Deg/Min/Sec:) 30 5 6 Longitude (Deg/Min/Sec:) 92 54 59 GPS Position: SW

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

Subject: 213760

Photo File Name: F1607930949/IMG_0717.JPG

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

Serial Num 213760 **Date** June 21, 2016	**Operator** United World Energy Corporation **Id** U015
Lease Name VUA;HAYES U1 # 004	**Address** 2006 Ambassador Caffery Pkwy
Section: 018 **Township:** 11S **Range:** 05W	Lafayette , LA 70506-0000
Parish CALCASIEU	**Phone**
Field Hayes Id: 4439	**Contact** Wayne Landry/Donna Marquette

A. INSPECTION REASON

Periodic **Complaint #:** **Order #:**

B. FACILITY TYPE

Multi Lease **Commingled:** N **Permit no.** **Oil:** N **Gas:** N **Both:** N

C. WELL SITE

1. **IDENTIFICATION:** Passed 2. **CONDITION:** Passed

Violation(s):

Well Site Comments:

D. TANK BATTERY

1. **IDENTIFICATION:** Passed

Violation(s):

2. **CONTAINMEN** Passed **Type:** 100% Capacity **Reference well:**

Violation(s):

3. **BLEEDERS** **Exist:** N/A Passed

Violation(s):

4. **PIPELINE SALES VALVES:** Passed **Transporter:**

Violation(s):

5. **B S & W VALVES:** Passed

Violation(s):

6. **MECHANICAL ARRANGEMENT:** Passed

Violation(s):

7. **STRUCTURAL INTEGRITY OF STORAGE TANKS** Passed

Violation(s):

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

8. VENTING OF STORAGE TANK Passed

Violation(s):

Tank Battery Comments:

E. FIRE HAZARD Passed

Violation(s):

Fire Comments:

F. DISCHARGE OF E&P Passed

Violation(s):

Discharge Status:

Discharge Comments:

G. DISPOSITION OF E&P

Site Id: **Permit No:**

H. EXISTENT PITS: No **I. NO. OF WELLS ON LEASE:** 4

REMARKS:

THE OPERATOR'S REPRESENTATIVE SHALL SIGN THIS REPORT TO ACKNOWLEDGE RECEIPT OF HIS COPY, YOUR SIGNATURE CANNOT BE CONSTRUED AS AN ADMISSION OF GUILT FOR ANY VIOLATIONS CONTAINED IN THIS REPORT.

No Witness June 21, 2016 **IN COMPLIANCE** **Yes** **Sealed:** N
Operator's Representative

BLAKE LEVGERNE June 21, 2016
Conservation Enforcement Agent

Sonris Id: 1549

Latitude (Deg/Min/Sec:) 30 5 5.3 Longitude (Deg/Min/Sec:) 92 54 57.9 GPS Position: NW

LEASE FACILITY INSPECTION REPORT

DNR/Office of Conservation

SRCN996
0

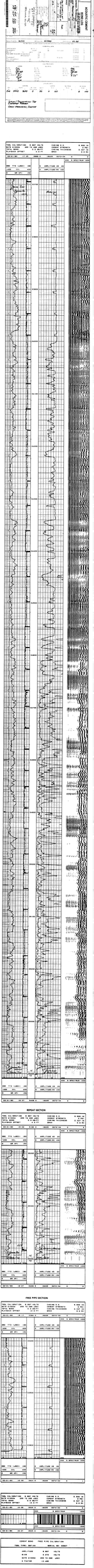
Subject: **sign**

Photo File Name: F128044368/011.JPG

Subject: **well 213760**

Photo File Name: F928397803/013.JPG

Schlumberger
Dresser Atlas
Halliburton
Western Atlas
Gearhart-Owen
Other Measurements Required
REPEAT SECTION
FREE PIPE SECTION
CEMENT BOND - FREE PIPE CALIBRATION
TOTAL TIME (SECS)
AMPLITUDE
0 MVOLT
100 MVOLT
0 MVOLT
100 MVOLT
MAXIMUM
MINIMUM
CALIBRATION
CALIBRATION
STANDARD
DATA
SONIC BOND - BEFORE SUBSEQUENT CALIBRATION
TOTAL TIME (SECS)
AMPLITUDE
0 MVOLT
100 MVOLT
0 MVOLT
100 MVOLT
MAXIMUM
MINIMUM
CALIBRATION
CALIBRATION
STANDARD
DATA
SONIC BOND - AFTER SUBSEQUENT CALIBRATION
TOTAL TIME (SECS)
AMPLITUDE
0 MVOLT
100 MVOLT
0 MVOLT
100 MVOLT
MAXIMUM
MINIMUM
CALIBRATION
CALIBRATION
STANDARD
DATA
SONIC CEMENTED BOND (ATL.) - FREE PIPE CALIBRATION
TOTAL TIME (SECS)
AMPLITUDE
0 MVOLT
100 MVOLT
0 MVOLT
100 MVOLT
MAXIMUM
MINIMUM
CALIBRATION
CALIBRATION
STANDARD
DATA


Schlumberger
Schlumberger Well Services
Houston, Texas
Dresser Atlas
Dresser Industries, Inc.
Dresser Industries, Inc.
Dallas, Texas
DATE
FORMAT
FILE
Dual Induction - Sp
Gamma Ray
Caliper
Cement Bond Log
Variable Density
Gamma Ray
Casing Collar Locator
Cement Bond Log
Variable Density
Gamma Ray
Casing Collar Locator
REPEAT SECTION
FREE PIPE SECTION
CEMENT BOND
FREE PIPE CALIBRATION
TOOL TYPE (MNEM) BHC-AC
AMPLITUDE
0 MV
10 MV
DATE WINDOW 200 TO 300 USEC
0 MARKER
AMPLITUDE
0 MV
10 MV
DATE WINDOW 200 TO 300 USEC
0 MARKER
REPEATED CALIBRATION
TOOL TYPE (MNEM) BHC-AC
AMPLITUDE
0 MV
10 MV
DATE WINDOW 200 TO 300 USEC
0 MARKER
DELTA CENTER PEAK DIST 27.1 0
AMPLITUDE
0 MV
10 MV
DATE WINDOW 200 TO 300 USEC
0 MARKER
DELTA CENTER PEAK DIST 27.1 0

Department of Natural Resources

Office of Conservation

WELL RECORDS

SN 970424

Hayes Salt Water Disposal No. 1

Permit Date: 3/5/1957

Status: 29

Status Date: 12/6/1983

Hayes Field

Sec 18, Twn 11S, Rge 5W

Calcasieu Parish, La.

GULF OIL CORPORATION
HOUSTON PRODUCTION DIVISION
BOX 234
LAFAYETTE, LOUISIANA

March 5, 1957

Mr. Arsene P. Edwards
Department of Conservation
107 Shindler Building
Lake Charles, Louisiana

Dear Mr. Edwards:

Authority is requested by Gulf Oil Corporation to drill a waste water disposal well in the Hayes Field, Hayes, La., Calcasieu Parish. Location of well is shown on attached plat.

The well is to be drilled to a total depth of 1,585 feet. 100 feet of 13-3/8" casing will be set as conductor pipe, 1,300 feet of 9-5/8" casing will be set to cover all fresh water sands and 1,500 feet of 7" casing will be set and cemented. This casing program will insure setting of two (2) strings of casing through the fresh water sands. A 4" or 5" screen and liner will be set in the open hole and gravel packed. Two electrical logs will be run, one at approximately 1,300 feet and the other at 1,585 feet. Completion will be in Miocene sand.

This well is to be used to dispose of waste water being presently produced from the Hayes Unit 1, Well No. 3 and any water that is produced in the future from the Hayes Unit 1, Well Nos. 1 and 2 and the Atkinson "B" No. 1 well. Form MD 11R to cover the drilling of this well is attached.

Yours truly,

Fred B. Courtney
Area Supt. of Production

LPW/ejb

RECEIVED
MAR 8 1957
DEPARTMENT OF MINERAL
LAKE CHARLES

GULF OIL CORPORATION
HOUSTON PRODUCTION DIVISION
BOX 234
LAFAYETTE, LOUISIANA

RECEIVED
MAR 7 1957
LOUISIANA GEOLOGICAL SURVEY

March 5, 1957

Mr. Arsene P. Edwards
Department of Conservation
107 Shindler Building
Lake Charles, Louisiana

Dear Mr. Edwards:

Authority is requested by Gulf Oil Corporation to drill a waste water disposal well in the Hayes Field, Hayes, La., Calcasieu Parish. Location of well is shown on attached plat.

The well is to be drilled to a total depth of 1,585 feet. 100 feet of 13-3/8" casing will be set as conductor pipe, 1,300 feet of 9-5/8" casing will be set to cover all fresh water sands and 1,500 feet of 7" casing will be set and cemented. This casing program will insure setting of two (2) strings of casing through the fresh water sands. A 4" or 5" screen and liner will be set in the open hole and gravel packed. Two electrical logs will be run, one at approximately 1,300 feet and the other at 1,585 feet. Completion will be in Miocene sand.

This well is to be used to dispose of waste water being presently produced from the Hayes Unit 1, Well No. 3 and any water that is produced in the future from the Hayes Unit 1, Well Nos. 1 and 2 and the Atkinson "B" No. 1 well. Form MD 11R to cover the drilling of this well is attached.

Yours truly,

COPY ORIGINAL SIGNED F. C. COVINGTON
Area Supt. of Production

LPW/ejb
cc: W. W. Ramseur
Harvey
File

RECEIVED
MAR 8 1957
DEPARTMENT OF CONSERVATION
LAKE CHARLES

DISTRICT Lake Charles

APPLICATION FOR PERMIT TO DRILL OR (RENEW) FOR MINERALS

SERIAL NO. _____ DATE 3-5-57

PARISH Calcasieu

FIELD Hayes

OPERATOR Gulf Oil Corp.

ADDRESS P.O. Drawer 2100

CITY Houston STATE Texas ZIP /

WELL NAME Hayes Salt Water Disposal NO. 1

LOCATION: SEC 18 TWP 11S RGE 5W

1060' W of 1225' N of SE/corn.

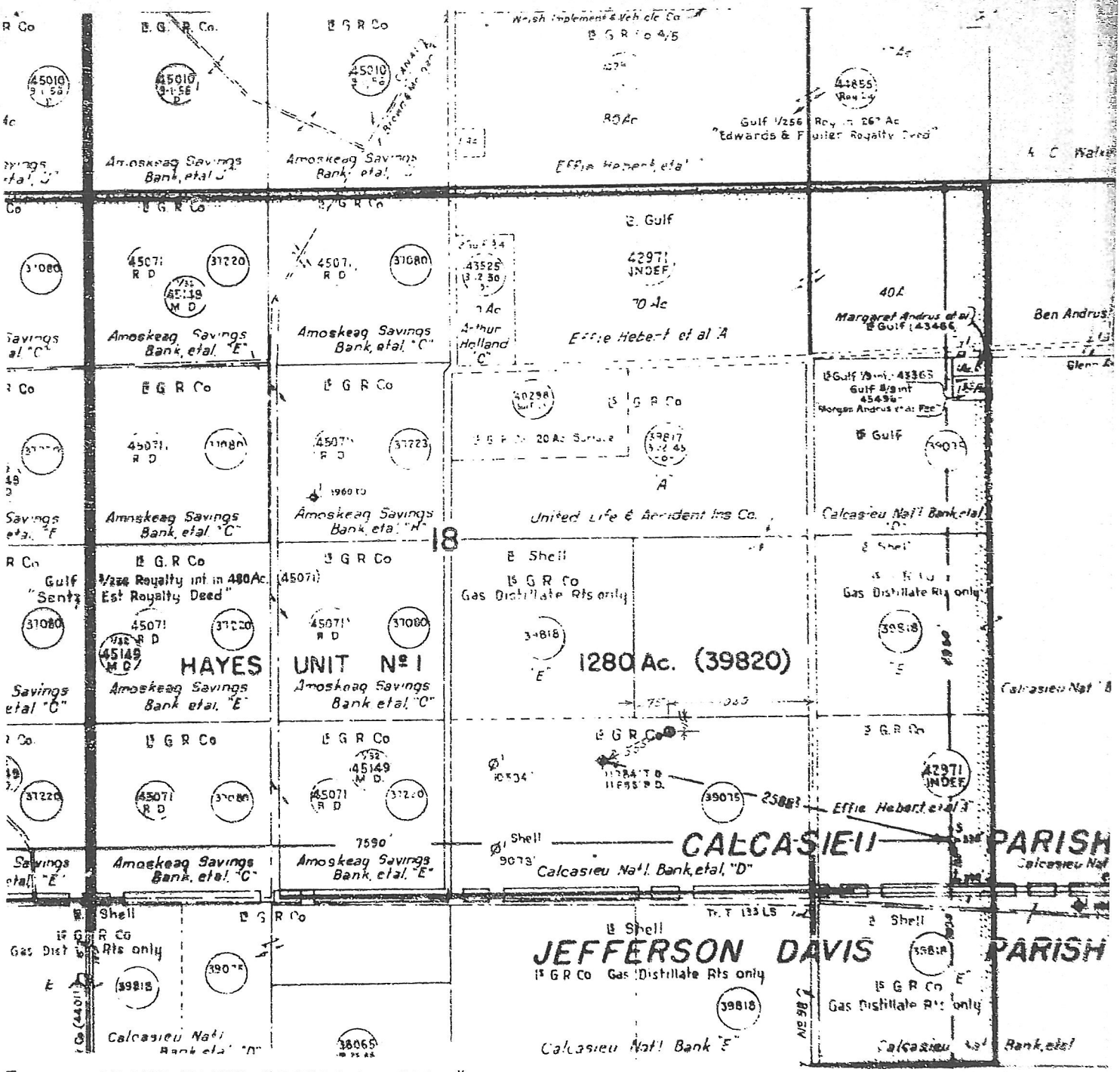
CODE NUMBERS

010
4439
2264

APPLICATION FOR ☐ SALT WATER DISPOSAL ☐

API NO. 17

Mona Miller



WASTE WATER DISPOSAL WELL #1, HAYES FIELD, CALCASIEU PARISH, LOUISIANA

Gulf Oil Corp. - Houston Production Division -
275' East along the North Line of the South East 1/4 of the South East 1/4 of Section 18 from the North West Corner of same. Being 115' South at R/A to said line, and 1060' West of the East line; 555' North East of Hayes Unit #1 Well #2. In Section 18 - T-11S, Rge 5-W.

LOUISIANA GEOLOGICAL SURVEY
Salt Water Disposal Well Data

Date Approved: MARCH 5, 1957 Serial No.: [illegible]

Field: HAYES Parish: CALCASIEU

Operator and Well Name: GULF OIL CORP.
HAYES UNIT SWD #1

Sec. 18 Twp 11S Rge 5W Location:

Disposal Perf.: 1500 - 1585 Base Fr.Wtr.:

Bot. Surf. Csg.:

New Well ☒ Workover ☐ Total Depth: 1585

Workover Well Only (Previous Status): Oil ___ Gas ___ Other ___

Producing and/or Disposal Perforations:

Remarks:

YEAR	BARRELS	
1967	5,696	
1968	48,425	
1969	264,587	Pump 550 - ?
1970	200.0	600#
1971	290.9	600
1972	121.0	600
73-	~~41,649~~ 120,992	600#
74-	40,166	600#
75-	168,223	600#
76-	257,422	600#
77-	297,392	600#
78-	27,859	600#
79-	0	

S W.D.
#3

MINERALS DIVISION
EPARTMENT OF CONSERVATION
STATE OF LOUISIANA

WORK PERMIT

PERMIT TO Drill S.W.D. DATE 3-5-57
PARISH Calcasieu FIELD Hayes
COMPANY Gulf Oil Corp.-Houston Prod. Div.
ADDRESS P. O. Drawer 2100, Houston, Tex.
WELL NAME Hayes Waste Water No. 1 SEC. 18 T. 11S R. 5W
WELL PERMIT SERIAL No. _____ WORK PERMIT No. _____
LOCATION 275' E along N line of SE/4 of SE/4 of Sec. 18 from NE cor. of same, being 115' S at R/A to said line; 1060' W of E. line

YOU ARE HEREBY AUTHORIZED TO Drill well to T.D. of approximately 1585' and complete as a waste water disposal well.

TD _____

PERMIT REQUESTED BY F. G. COURTNEY
Company Representative

AUTHORIZED BY _____
ARSENE P. EDWARDS
District Office
Lake Charles, La.

Form DM-4R

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

S.W.D.
L.C.#3

WORK PERMIT

PERMIT TO Drill ~~Salt Water Disposal~~ DATE 3-5-57
PARISH Calcasieu FIELD Hayes
COMPANY ~~Gulf Oil Corp. - Houston Prod. Div.~~
ADDRESS ~~P. O. Drawer 2100, Houston, Texas~~
WELL NAME ~~Hayes Waste Water~~ No. ~~1~~ SEC. ~~12~~ T. ~~11S~~ R. ~~5W~~
WELL PERMIT SERIAL No. 970424 WORK PERMIT No.
LOCATION ~~275' E along N line of SE/4 of SE/4 of Sec. 12 from NE cor. of same, being 115' S at R/A to said line; 1060' W of E line~~ HEREBY AUTHORIZED TO ~~Drill well to T.D. of approximately 1585' and complete as a waste water disposal well.~~

TD

PERMIT REQUESTED BY F. G. COURNEY
Company Representative

AUTHORIZED BY

~~ARSENE P. EDWARDS~~
Lake Charles, La. District Office

Form DM-4R

LC 36

TYPE ONLY

STATE OF LOUISIANA OFFICE OF CONSERVATION

APPLICATION FOR PERMIT TO DRILL or (REWEW) FOR MINERALS

SERIAL No. 970424 DATE 3-5-57 (MO DA YR)

GODE NUMBERS
010
4439
2264

PARISH Calcasieu

FIELD Hayes

OPERATOR Gulf Oil Corp.

ADDRESS P.O. Drawer 2100

CITY Houston STATE Texas ZIP

WELL NAME Hayes SWD NO. 1

LOCATION Sec. 18 T 11S R 5W

1060' W & 1225' N of SE/Cor.

APPLICATION FOR ☐ OIL ☐ GAS ☒ OTHER SWD WELL PROPOSED TOTAL DEPTH

ZONE or RESERVOIR OF PROPOSED COMPLETION

APPLICABLE OFFICE OF CONSERVATION ORDERS

SEND PERMIT TO

FOR ADDITIONAL INFORMATION—CONTACT: PHONE

BY APPLICANT'S SIGNATURE

DISTRICT APPROVAL DATE ,19

ISSUED BY DATE ,19

API No. (OC USE ONLY) 1701988007

Form MD 10 R(1-78)

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

S.W.D.
L.C.#3

WORK PERMIT

PERMIT TO Drill / Salt Water Disposal DATE 3-5-57

PARISH Calcasieu FIELD Hayes

X COMPANY Gulf Oil Corp. - Houston Prod. Div.

ADDRESS P. O. Drawer 2100, Houston, Texas

X WELL NAME Hayes ~~Waste Water~~ SWD No. 1 SEC. 18 T. 11S R. 5W

WELL PERMIT SERIAL No. WORK PERMIT No.

LOCATION 275' E along N line of SE/4 of SE/4 of Sec. 18 from NE cor. of same, being 115' S at R/A to said line; 1060' W of E line

YOU ARE HEREBY AUTHORIZED TO Drill well to T.D. of approximately 1585' and complete as a waste water disposal well.

TD

PERMIT REQUESTED BY F. G. COURTNEY
Company Representative

AUTHORIZED BY

ARSENE P. EDWARDS
Lake Charles, La. District Office

Form DM-4R

LOUISIANA GEOLOGICAL SURVEY (Well Data) ✓

State [illegible] Parish [illegible] Field [illegible]

Operator [illegible]

Well Name [illegible] Well No. _____

Elevation: surface _____; derrick floor _____ Permit Serial No. 970424

Sec. 18 T. [illegible] R. [illegible] Loc. [illegible] E. alg. the N/L of SE/4 of SE/4 [illegible] S at R/A

~~Bottom Hole Loc.~~ [illegible] — 1300' of 5/8" — 1500' of 7"

then set 4" or 5" [illegible] in open hole

~~Began drilling~~ _____ Completed March 1957 T.D. 1585'

Completed as: Oil _____ Gas _____ Distillate _____ Dry & Abd. _____

I.P.: _____ BPD; _____ MCF; Ck. _____; Grav. _____

BS&W _____; G.O.R. _____ T.P. _____; C.P. _____

Perf. _____ Sand _____ Top Salt _____

Remarks: [illegible] 3/8/57 approved

LC56

FORM DM 5 REV.

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION
LAKE CHARLES, LOUISIANA

March 6, 1957

RECEIVED
MAR 7 1957
DPT. OF CONSERVATION

Mr. Thos. M. Winfiele, Chief Eng.
Department of Conservation
State Capitol Building
Baton Rouge, Louisiana

Dear Sir:

Find enclosed copy of letter from Gulf Oil Corporation-Houston Production Division requesting permit to drill a salt water disposal well to approximately 1585', in Hayes Field, Calcasieu Parish, Louisiana.

Please advise as soon as possible if this is permissible.

Yours very truly,

ARSENE P. EDWARDS
District Manager
Lake Charles, La.

APE:dmb

Encl.

cc: State Geologist
Baton Rouge, La.

GULF OIL CORPORATION
HOUSTON PRODUCTION DIVISION
BOX 234
LAFAYETTE, LOUISIANA

RECEIVED
MAR 7 1957
DEPT. OF CONSERVATION

March 5, 1957

Mr. Arsene P. Edwards
Department of Conservation
107 Shindler Building
Lake Charles, Louisiana

Dear Mr. Edwards:

Authority is requested by Gulf Oil Corporation to drill a waste water disposal well in the Hayes Field, Hayes, La., Calcasieu Parish. Location of well is shown on attached plat.

The well is to be drilled to a total depth of 1,585 feet. 100 feet of 13-3/8" casing will be set as conductor pipe, 1,300 feet of 9-5/8" casing will be set to cover all fresh water sands and 1,500 feet of 7" casing will be set and cemented. This casing program will insure setting of two (2) strings of casing through the fresh water sands. A 4" or 5" screen and liner will be set in the open hole and gravel packed. Two electrical logs will be run, one at approximately 1,300 feet and the other at 1,585 feet. Completion will be in Miocene sand.

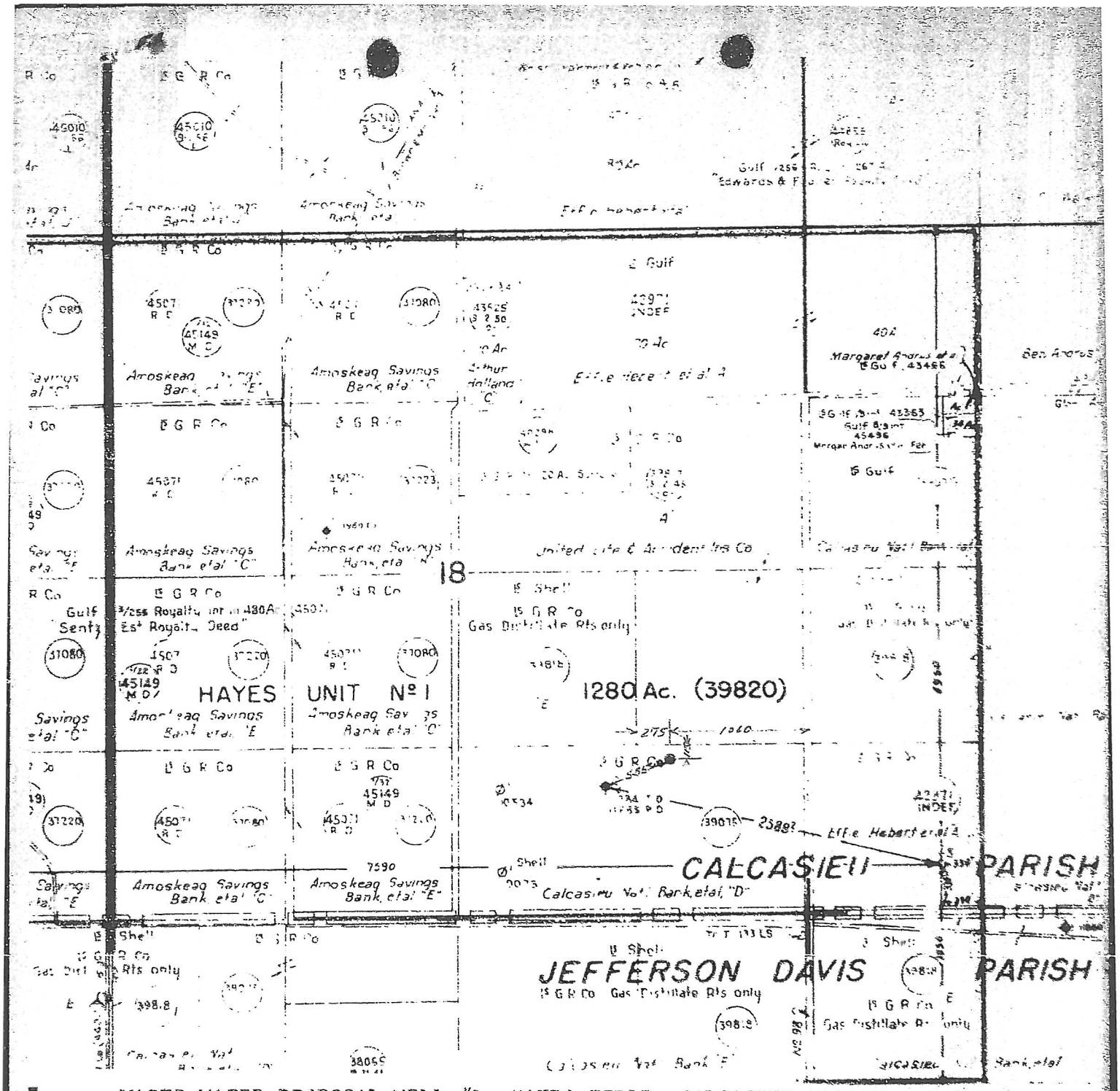
This well is to be used to dispose of waste water being presently produced from the Hayes Unit 1, Well No. 3 and any water that is produced in the future from the Hayes Unit 1, well Nos. 1 and 2 and the Atkinson "B" No. 1 well. Form MD 11R to cover the drilling of this well is attached.

Yours truly,

COPY ORIGINAL SIGNED F. G. COURTNEY
Area Supt. of Production

LPW/ejb

RECEIVED
MAR 6 1957
DEPARTMENT OF MINERALS
LAKE CHARLES



WASTE WATER DISPOSAL WELL #1, HAYES FIELD, CALCASIEU PARISH, LOUISIANA

Gulf Oil Corp. - Houston Production Division -
275' East along the North Line of the South East 1/4 of the South East 1/4 of Section 18 from the North West Corner of same. Being 115' South at R/A to said line, and 1060' West of the East line; 555' North East of Hayes Unit #1 Well #2. In Section 18 - T-11S, Rge 5-W.

DEPARTMENT OF CONSERVATION

March 6, 1957

COPY

RECEIVED MAR 7 1957 LOUISIANA GEOLOGICAL SURVEY

Mr. Thos. M. Winfiele, Chief Eng.
Department of Conservation
State Capitol Building
Baton Rouge, Louisiana

Dear Sir:

Find enclosed copy of letter from Gulf Oil Corporation-Houston Production Division requesting permit to drill a salt water disposal well to approximately 1585', in Hayes Field, Calcasieu Parish, Louisiana.

Please advise as soon as possible if this is permissible.

Yours very truly,

ARSENE P. EDWARDS
District Manager
Lake Charles, La.

No objections to Disposal of Salt water from open depth of 1500 to 1585 feet. — Base of fresh water is approximately 600 feet — Geol. & Ground water resources of La. — Base of fresh water Map shows base of fresh water [illegible] — [illegible]

APE:dmb

Encl.

cc: State Geologist
Baton Rouge, La.

3/8/57

DEPARTMENT OF CONSERVATION

March 6, 1957

C O P Y

Mr. Thos. M. Winfiele, Chief Eng.
Department of Conservation
State Capitol Building
Baton Rouge, Louisiana

Dear Sir:

Find enclosed copy of letter from Gulf Oil Corporation-Houston Production Division requesting permit to drill a salt water disposal well to approximately 1585', in Hayes Field, Calcasieu Parish, Louisiana.

Please advise as soon as possible if this is permissible.

Yours very truly,

ARSENE P. EDWARDS
District Manager
Lake Charles, La.

APE:dmb

Encl.

cc: State Geologist
Baton Rouge, La.

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION
LOUISIANA GEOLOGICAL SURVEY

GEOLOGY BUILDING
UNIVERSITY STATION
BATON ROUGE 3, LA.

RECEIVED
MAR 11 1957
DEPARTMENT OF MINERALS
LAKE CHARLES

March 8, 1957

Mr. Arsene P. Edwards
District Manager
Department of Conservation
107 Shindler Building
Lake Charles, Louisiana

Dear Mr. Edwards:

Reference is made to your letter of March 6, with the enclosed letter from Gulf Oil Corporation, requesting a permit to drill a salt water disposal well to a total depth of 1,585 feet in the Hayes Field, Calcasieu Parish.

Our records show that the base of the fresh water occurs at approximately 600 feet in the Hayes field. The proposed open hole disposal in the interval 1,500 to 1,585' is well below the fresh water-salt water contact and with proper well completion there would be no fresh water contamination.

It is our recommendation that Gulf's application be approved. We would like to have copies of the two electric logs which Gulf proposes to run.

Yours very truly,

LOUISIANA GEOLOGICAL SURVEY

Leo W. Hough

Leo W. Hough
State Geologist

LWH:bb

cc: Mr. Thomas M. Winfiele

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION
LOUISIANA GEOLOGICAL SURVEY

GEOLOGY BUILDING,
UNIVERSITY STATION,
BATON ROUGE, LA.

S.W.D. File

March 8, 1957

RECEIVED
MAR 11 1957
DEPT. OF CONSERVATION
BATON ROUGE, LA.

Mr. Arsene P. Edwards
District Manager
Department of Conservation
101 Shindler Building
Lake Charles, Louisiana

Dear Mr. Edwards:

Reference is made to your letter of March 6 with the enclosed letter from Gulf Oil Corporation requesting a permit to drill a salt water disposal well to a total depth of 2,[illegible] feet in the Hayes Field, Calcasieu Parish.

Our records show that the base of the fresh water occurs at approximately 600 feet in the Hayes Field. The proposed open hole completion in the interval 1,500 to 1,[illegible] is well below the fresh water-salt water contact and with proper well completion there would be no fresh water contamination.

It is our recommendation that Gulf's application be approved. We would like to have copies of the two electric logs which Gulf proposes to run.

Yours very truly,

LOUISIANA GEOLOGICAL SURVEY

Leo W. Kough
State Geologist

LWK:bb

cc: Mr. Thomas M. Winfiele

COPY

March 8, 1957

Mr. Arsene P. Edwards
District Manager
Department of Conservation
207 Shindler Building
Lake Charles, Louisiana

Dear Mr. Edwards:

Reference is made to your letter of March 6 with the enclosed letter from Gulf Oil Corporation, requesting a permit to drill a salt water disposal well to a total depth of 1,585 feet in the Hayes Field, Calcasieu Parish.

Our records show that the base of the fresh water occurs at approximately 600 feet in the Hayes field. The proposed open hole disposal in the interval 1,500 to 1,585' is well below the fresh water-salt water contact and with proper well completion there would be no fresh water contamination.

It is our recommendation that Gulf's application be approved. We would like to have copies of the two electric logs which Gulf proposes to run.

Yours very truly,

LOUISIANA GEOLOGICAL SURVEY

Leo W. Hough
State Geologist

LWH:bb

cc: Mr. Thomas M. Winfield

RECEIVED
MAR 20 1957
[illegible]

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

AFFIDAVIT OF TEST OF CASING IN WELL

WORK PERMIT NO. —
WELL SERIAL NO. —

DATE WORK DONE MARCH 20, 1957

W.W. DISP. WELL NO. 1
SWD L.C #3

LAKE CHARLES LOUISIANA
(One copy to be filed with the District Office)

N O T E:
THIS REPORT WILL BE RETURNED IF NOT PROPERLY FILLED IN AND SIGNED

PARISH CALCASIEU FIELD HAYES SEC 18 TWP 11S RGE 5W.

COMPANY GULF OIL CORP. H.P.D. LEASE HAYES WELL NO. W.W. DISP. #1

TOTAL DEPTH 1356

SIZE OF CASING 9 5/8" OD IN:WT.PER FT. 32.30 #:MAKE SPANG

NO. OF THREADS PER IN. 8 GRADE H-40 SEAMLESS X NEW X 2ND ____

IF SECOND HAND, WAS PIPE TESTED: ____ DESCRIBE ____

DEPTH LANDED BELOW DERRICK FLOOR 1345.60 FT. SACKS OF CEMENT 400

SIZE OF HOLE 12 1/4" IN.: AMOUNT OF CEMENT LEFT IN PIPE 8 FT

METHOD OF CEMENTING HALLIBURTON ONE PLUG CEMENT SET 12 HOURS UNDER 500 LBS.

PRESSURE 500# TOTAL TIME SET 20 1/2 HOURS

DETAIL OF PRESSURE TEST BEFORE DRILLING PLUG

DATE OF TEST: 3/20 1957. GUAGE PRESSURE ON CASING 1000 LBS.

PRESSURE AT END OF 30 MINUTES 1000 DROP 0 LBS.

TEST FLUID: WATER 8.3 MUD 10 LBS.PER.GAS: VISCOSITY 50 SEC.

REMARKS: TOP 60' OF ~~WATER~~ MUD DISPLACED WITH WATER

HIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF NSERVATION, MINERALS DIVISION.

SIGNED GULF OIL CORP H.P.D
COMPANY

NESS: W W Holden Jr
L. A. Dunn

Csg.(T)-MD16

Jack Pattillo
Representative

RECEIVED
APR 3 1957
DEPARTMENT OF MINERALS
LAKE CHARLES

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

AFFIDAVIT OF TEST OF CASING IN WELL

WORK PERMIT NO. _____
WELL SERIAL NO. SWD LC #3

DATE WORK DONE 3-22-57

(One copy to be filed with the District Office)

N O T E:
THIS REPORT WILL BE RETURNED IF NOT PROPERLY FILLED IN AND SIGNED

PARISH Cal FIELD Hayes SEC 18 TWP 11-S RGE 5-W

COMPANY Gulf Oil Corp LEASE Hayes Unit #1 WELL NO. WWD #1

TOTAL DEPTH 1585

SIZE OF CASING 7" OD IN: WT. PER FT. 20 #: MAKE Spang

NO. OF THREADS PER IN. 8 GRADE J 55 SEAMLESS Yes NEW Yes 2ND ____

IF SECOND HAND, WAS PIPE TESTED: _____ DESCRIBE _____

DEPTH LANDED BELOW DERRICK FLOOR 10 FT. SACKS OF CEMENT 75

SIZE OF HOLE 8 3/4 IN.: AMOUNT OF CEMENT LEFT IN PIPE 5

METHOD OF CEMENTING HOWCO CEMENT SET 12 HOURS UNDER 500 LBS.

PRESSURE _____ TOTAL TIME SET 36 HOURS

DETAIL OF PRESSURE TEST BEFORE DRILLING PLUG

DATE OF TEST: 3-22 19 57. GUAGE PRESSURE ON CASING 975 LBS.

PRESSURE AT END OF 30 MINUTES 975 DROP 0 LBS.

TEST FLUID: WATER 200' MUD 10.3 LBS. PER. GAS: VISCOSITY 60 SEC.

REMARKS: Well head equip. 6000#

THIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF CONSERVATION, MINERALS DIVISION.

SIGNED Gulf Oil Corp
COMPANY

WITNESS: O. K. Thomas
L. S. Taylor

W W Holden
Representative

orm: Csg. (T)-MD16

Gulf Oil Corp.

Hayes #1 (Water Well)

Hayes

Electrical Log transmitted to

Baton Rouge 4/3/57.

PETROLEUM AND ITS PRODUCTS

GULF OIL CORPORATION

HOUSTON PRODUCTION DIVISION

P. O. DRAWER 37 - HARVEY, LOUISIANA

April 19, 1957

Re: Hayes Unit No. 1 (Waste Water Disposal)
Well No. 1, Hayes Field,
Calcasieu Parish, Louisiana

Department of Conservation
Division of Minerals
State of Louisiana
107 Schindler Building
Lake Charles, Louisiana

Gentlemen:

Attached in triplicate is Driller's Log covering the above subject well, drilled by Gulf Oil Corporation - Houston Production Division, to a total depth of 1585 feet, and completed as a waste water well 3-26-57.

Very truly yours,

GULF OIL CORPORATION
HOUSTON PRODUCTION DIVISION

W. W. Ramseur (a)
W. W. Ramseur
Zone Superintendent of Production

Attach:

cc: Department of Conservation
Division of Minerals
State of Louisiana
Baton Rouge, Louisiana

RECEIVED
APR 22 1957
DEPARTMENT OF MINERALS
LAKE CHARLES

ORIGINAL
(THREE TYPEWRITTEN COPIES MUST BE FURNISHED THIS DEPARTMENT)
STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION
MINERALS DIVISION

RECEIVED
APR 26 1957
DEPARTMENT OF MINERALS
LAKE CHARLES

LOG OF WELL

FIELD Hayes, Louisiana COMPANY Gulf Oil Corporation Houston Production Division

Parish Calcasieu Sec. 18 Twp. 11-S Rge. 5-W Elevation Derrick Floor 11' Ground

Location 275' E. along the N. line of S.E. 1/4 of S.E. 1/4 of Sec. 18 from corner of same, being 115' S. at R/A to said line; 1060' W. of E. line.

Lease Hayes Unit #1 Well No. 1 Permit No. Permit Serial No.

The data given herewith is a complete record of the well and all work done thereon as determined from all available records.

Began Drilling 3-14-, 19 57 Completed 3-26-, 19 57

Completed as Oil ( ) Gas ( ) Condensate ( ) Dry ( ) Well
(X) Waste Water Disposal Well

OIL AND GAS ZONES	SALT WATER SANDS	FRESH WATER SANDS
From to feet	In zone of production	From to feet
From to feet	From to feet	From to feet
From to feet	From to feet	From to feet

DRILL STEM TESTS

Depth		Recovery in Stands			Chokes		Lbs. Pressure		Date	Time	Size D. S.
Seat	Bottom	Oil	Water	Sd. or Mud	Top	Bottom	Top	Bottom			

RECEIVED
APR 24 1957
DEPT. OF CONSERVATION

CASING RECORD

Size	Wt. Per Foot	Make	Where Lauded	No. of Sks. Cement	Stood Hours	Pressure Test, Lbs.
13-3/8" OD	48#	H-40	112.54'	75 sacks		
9-5/8" OD	32.30#	H-40	1345.60'	400 sacks	20-1/2 Hrs	1000 PSI
7" OD	20#	J-55	1500.00'	75 sacks	36 Hrs	975 PSI
4-1/2" OD	9.50#	-				

COMPLETION DATA

Liner Size 4-1/2 Weight 9.50# Length 290' Screen Size 4-1/2" OD Gage 0.035 Length 55.05'

Casing perforations (prod. depth) from - to - ft. No. of holes -

Acidized with gallons. Other physical or chemical treatment of well to induce flow

Prod. began -, 19 Making bbls./day of A. P. I. Gravity Fluid on choke.

Tub. Pres. lbs./sq. in. Csg. Pres. lbs./sq. in. Gas Vol. M. C. F. Gas Oil Ratio

B. S. & W. %. Gas Gravity B. T. U.'s/M. C. F. Gals. Gasoline/M. C. F.

WELL DATA

Indicate (yes or no) whether or not the following information was obtained.

Electrical Log Yes Date 3-21-, 19 57 Straight Hole Survey No Type -

Time Drilling Record 12 days Other Types of Hole Survey No Type -

Core Analysis No Depth 0 to -

to

LOCATION OF WELL BOTTOM

Latitude ft. Departure ft. Average Inclination Vertical Correction

Drilling Contractor McDowell & Cook Of La. Inc. Signed W. W. Ramseur By: J. A. Austin

Date 4-19-, 19 57 Title Zone Superintendent of Production

Form No. 12-M-R 34—131, 132

DRILLER'S LOG

From	To	Type of Formation	From	To	Type of Formation
TD 1585' (See Electrical Log)					

April 22, 1957

Mr. Thos. H. Winfield, Chief Eng.
Department of Conservation
State Capitol Building
Baton Rouge, Louisiana

Dear Sir:

Find enclosed copy of Log of Well on each of the following wells:

Magnolia Petroleum Company State Lease 1152 No. C-1 Serial No. 63725	W. Cameron Blk. 110 Field Cameron Parish
Gulf Oil Corporation Hayes Unit No. 1 Well No. 1 Serial No. S.W.D.-L.C. #3	Hayes Field Calcasieu Parish

Yours very truly,

ARSENE P. EDWARDS
District Manager
Lake Charles, La.

APE:dmb

Encl.

2 cc: State Geologist
Baton Rouge, La.

GULF OIL CORPORATION
HOUSTON PRODUCTION DIVISION
LAFAYETTE, LOUISIANA

RECEIVED
MAY 17 1957
DEPARTMENT OF CONSERVATION
LAKE CHARLES

May 15, 1957

Mr. Arsene P. Edwards
Dept. of Conservation
107 Shindler Building
Lake Charles, La.

Dear Mr. Edwards:

This is to advise that Gulf's Hayes Waste Water Well No. 1, Hayes field, Calcasieu Parish was put into service at 1:00 A.M., May 14, 1957.

The well is taking waste water through screen section 1519.85' to 1569.75'.

Area Supt. of Production

LPW:LT

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Acidize
C. #49

WORK PERMIT

PERMIT TO Acidize DATE 8/12/57
PARISH Calcasieu FIELD Hayes
COMPANY Gulf Oil Corp.-Houston Prod. Div.
ADDRESS Drawer 2100, Houston, Texas
WELL NAME Hayes Unit 1 No. 1 SEC. 18 T. 11S R. 5W
WELL PERMIT SERIAL No. _____ WORK PERMIT No. _____
LOCATION 275' E along N line of SE/4 of SE/4 of Sec. 18 from NW/ corner of same, being 115' S at R/A to said line, being 1060' W o: E line.
YOU ARE HEREBY AUTHORIZED TO
Acidize screen section 1519-1565', 1579-82'
TD _____
PERMIT REQUESTED BY F. V. COURTNEY
Company Representative

AUTHORIZED BY _____
ARSENE P. EDWARDS
District Office
Lake Charles, La.

Form DM-4R

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

RECEIVED
AUG 1957
MINERALS
LAKE CHARLES

- ACIDIZE RECORD -

DATE WORK DONE 8-13-57

WORK PERMIT NO. LC#49
WELL SERIAL NO.

LAKE CHARLES, LA
(One copy to be filed with the District Office)

NOTE:
THIS REPORT WILL BE RETURNED IF NOT PROPERLY FILLED IN AND SIGNED

PARISH CALCASIEU FIELD HAYES SEC 18 TWP 11S RGE 5W

COMPANY GULF OIL CORP HOUSTON PROD DIV LEASE Hayes UNIT 1 WELL NO. 1 SWD

TOTAL DEPTH 1585' NEW OR OLD WELL OLD

SIZE CASING 7" DEPTH OF CASING 1500'

PURPOSE OF ACIDIZE JOB To wash Screen

ACID: - HOW PLACED Pump Truck PROD. ZONE —

GALLONS OF ACID USED 3000 KIND 1500 wash 1500 mud STRENGTH — %

CHARACTER OF FORMATION Sd + Sh ACIDIZING COMPANY Dowell, Inc

BARRELS OF WATER ~~OR OIL~~ USED BEFORE ACID 0 AFTER 100

INITIAL PRESSURE 0 # BREAKDOWN PRESSURE 300 # FINAL PRESSURE 0 #

REMARKS:

THIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DRPARTMENT OF CONSERVATION, MINERALS DIVISION.

SIGNED: GULF OIL CORP
HOUSTON PROD. DIVN.
COMPANY

[illegible]
Representative

Form
Acid - MD2

RECEIVED
SEP 18 1957
DEPARTMENT OF CONSERVATION
LAKE CHARLES

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

- ACIDIZE RECORD -

DATE WORK DONE 8-13-57 WORK PERMIT NO. LC 49

WELL SERIAL NO. —

Lake Charles, La.
(One copy to be filed with the District Office)

NOTE:
THIS REPORT WILL BE RETURNED IF NOT PROPERLY FILLED IN AND SIGNED

PARISH Calcasieu FIELD Hayes SEC. 18 TWP 11S RGE 5W

COMPANY Gulf Oil Corp LEASE Hayes Unit #1 WELL NO. 1 (SWD)

TOTAL DEPTH 1585' NEW OR OLD WELL old

SIZE CASING 7" DEPTH OF CASING 1500'

PURPOSE OF ACIDIZE JOB To wash out Screen

ACID: HOW PLACED Pump Truck PROD. ZONE —

GALLONS OF ACID USED 1500 1500 KIND wash Mud STRENGTH — %

CHARACTER OF FORMATION ACIDIZING COMPANY Dowell

BARRELS OF WATER ~~OR OIL~~ USED BEFORE ACID 0 AFTER 100

INITIAL PRESSURE 300 # BREAKDOWN PRESSURE 300 # FINAL PRESSURE 30" vacuum

REMARKS:

THIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF CONSERVATION, MINERAL DIVISION.

SIGNED: Gulf Oil Corp - HPD
COMPANY

M M Scott
Representative

Form
Acid - MD2

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Acidize
L C # 68

WORK PERMIT

PERMIT TO Acidize DATE Nov. 6th 1957

PARISH Calcasieu FIELD Hayes

COMPANY Gulf Oil Corp. - Houston Production Division

ADDRESS P. O. Brawer 2100, Houston, Texas

WELL NAME Hayes Unit 1 (Salt Wtr.) No. 1 SEC. 18 T. 11S R. 5W

WELL PERMIT SERIAL No. Disp. WORK PERMIT No.

LOCATION 275' E along N line of SE/4 of SE/4 of Sec. 18 fr. Nw Cor. of same, being 115' S @ R/A to said line.

YOU ARE HEREBY AUTHORIZED TO Acidize perforations 1519-1565' 1579-1582' (Sch)

cc: W. B. Hopkins, P.O. Box 37, Harvey, Louisiana TD

PERMIT REQUESTED BY Fred G. Courtney
Company Representative

AUTHORIZED BY

ARSENE P. EDWARDS
District Office
Lake Charles, La.

Form DM-4R

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

RECEIVED
NOV 14 1957
LAKE CHARLES

- ACIDIZE RECORD -

DATE WORK DONE 11-7-57

WORK PERMIT NO. L.C.#68
WELL SERIAL NO. NONE

Lake Charles, La

(One copy to be filed with the District Office)

N O T E:

THIS REPORT WILL BE RETURNED IF NOT PROPERLY FILLED IN AND SIGNED

PARISH Calcasieu FIELD Hayes SEC 18 TWP 11S RGE 5W

COMPANY Gulf Oil Corp. LEASE Hayes Unit #1 WELL NO. 1 (SWD)

TOTAL DEPTH 1585' NEW OR OLD WELL Old

SIZE CASING 7" DEPTH OF CASING 1500'

PURPOSE OF ACIDIZE JOB To clean out Screen

ACID: -HOW PLACED Pump truck PROD. ZONE

GALLONS OF ACID USED 1500 1500 KIND Wash mud STRENGTH - %

CHARACTER OF FORMATION - ACIDIZING COMPANY Dowell

BARRELS OF WATER OR OIL USED BEFORE ACID 12 AFTER 100

INITIAL PRESSURE 200 # BREAKDOWN PRESSURE 200 # FINAL PRESSURE 30" Vac. #

REMARKS:

THIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF CONSERVATION, MINERAL DIVISION.

SIGNED: Gulf Oil Corp-WDD
COMPANY

R. M. Scott
Representative

Form
Acid - MD2

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Acidize
L. C. #9

WORK PERMIT

PERMIT TO Acidize DATE March 26, 1962
PARISH Calcasieu FIELD Hayes
COMPANY Gulf Oil Corp.
ADDRESS P. O. Drawer 2100, Houston, Texas
WELL NAME Hayes Un. 1(Salt Wtr.) No. 1 SEC. 18 T. 11S R. 5W
WELL PERMIT SERIAL No. ~~[illegible]~~ WORK PERMIT No.
LOCATION

YOU ARE HEREBY AUTHORIZED TO Acidize perforations with 1000 gal. 15% hydrochloric acid.

TD 1585'

PERMIT REQUESTED BY V. Jones, Jr.
Company Representative

AUTHORIZED BY Wlee
for FREDDIE J. BOUDREAUX
Lake Charles, La.
District Office

Form DM-4R

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Acidize
L. C. #38

WORK PERMIT

PERMIT TO Acidize DATE March 20, 1964
PARISH Calcasieu FIELD Hayes
COMPANY Gulf Oil Corp.
ADDRESS Box 1327 OCS, Lafayette, La.
WELL NAME Hayes Un. 1 (Salt Wtr.) No. 1 SEC. 18 T 11 R 5W
WELL PERMIT SERIAL No. ~~65936~~ WORK PERMIT No.
LOCATION

YOU ARE HEREBY AUTHORIZED TO Acidize perf. with 1000 gallons of 15% hydrochloric acid.

TD 1585'

PERMIT REQUESTED BY R. F. BRONTE
Company Representative

AUTHORIZED BY WILLIAM C. WILHITE
Lake Charles, La.
District Office

Form DM-4R

CLASS II
INJECTION WELL INVENTORY

SERIAL NO. ~~65938~~ 970424 OR WORK PERMIT NO. _____

CODE NO. (IF ASSIGNED)
010 ✓
4439 ✓
2264 ✓

PARISH Calcasieu

FIELD Hayes

OPERATOR Gulf Oil Corporation

ADDRESS P. O. Box 51327

Lafayette (city) LA (State) 70505 (Zip)

TELEPHONE NO. 318-232-7520

WELL NAME Hayes Unit 1 SWD ✓ WELL NO. 1 ✓

LOCATION: SEC. 18 ✓ TWP. 11S ✓ RGE. 5W ✓

LOC. DESCRIPTION 275' E along N line of SE¼ of SE¼ of Sec. 18 from NE corner of same, being 115' S @ RA to line.

ORIGINAL SPUD DATE 3/14/57 ✓ TOTAL DEPTH 1,585 ✓

DISPOSAL ZONE:

		FROM	TO		
*	PRESENT	1,519	1,582 ✓	DATE	3/57 ✓
	PAST			DATE	
	PAST			DATE	
	PAST			DATE	

WELL TYPE:
- [ ] ANNULAR INJECTION WELL (HYDROCARBON PRODUCING WELL)
- [X] PRODUCED FLUID INJECTION WELL (SALTWATER DISPOSAL)
- [ ] HYDROCARBON STORAGE WELL
- [ ] ENHANCED RECOVERY INJECTION WELL
- [ ] OTHER: EXPLAIN _____

OFFICE OF CONSERVATION
NOV 5 1981
UNDERGROUND INJ. CONTROL

WELL OPERATING STATUS:
- [ ] ACTIVE
- [ ] INACTIVE (EXPLAIN) _____
- * [X] PLUGGED AND ABANDONED 7/81 (DATE)
- [ ] OTHER (EXPLAIN) _____

SIGNATURE [signature] 11-4-81 (DATE)

TITLE AREA ENGINEER

Please return completed form to:
OFFICE OF CONSERVATION, UIC DIVISION
P. O. Box 44275, Baton Rouge, La. 70804
Phone No. 504-342-5515

INJECTION WELL INVENTORY

Corrected Copy

SERIAL NO. ~~65938~~ 970424 OR WORK PERMIT NO. LC 3-57

CODE NO. (IF ASSIGNED)
010
4439
2264

PARISH Calcasieu

FIELD Hayes

OPERATOR Gulf Oil Corporation

ADDRESS P. O. Box 51327

Lafayette (city) LA (State) 70505 (Zip)

TELEPHONE NO. 318-232-7520

WELL NAME Hayes Unit 1 SWD WELL NO. 1 ✓

LOCATION: SEC. 18 ✓ TWP. 11S ✓ RGE. 5W ✓

LOC. DESCRIPTION 275' E along N line of SE¼ of SE¼ of Sec. 18 from NE corner of same, being 115' S @ RA to line.

ORIGINAL SPUD DATE 3/14/57 TOTAL DEPTH 1,585

DISPOSAL ZONE:

	FROM	TO		
* PRESENT	1,519 ✓	1,582 ✓	DATE	3/57 ✓
PAST			DATE	
PAST			DATE	
PAST			DATE	

WELL TYPE:

- [ ] ANNULAR INJECTION WELL (HYDROCARBON PRODUCING WELL)
- [X] PRODUCED FLUID INJECTION WELL (SALTWATER DISPOSAL)
- [ ] HYDROCARBON STORAGE WELL
- [ ] ENHANCED RECOVERY INJECTION WELL
- [ ] OTHER: EXPLAIN

WELL OPERATING STATUS:

- [ ] ACTIVE
- [X] INACTIVE (EXPLAIN) 8/79 T.A.
- [ ] PLUGGED AND ABANDONED (DATE)
- [ ] OTHER (EXPLAIN)

SIGNATURE [signature] 11-4-81 (DATE)

TITLE AREA ENGINEER

R.M.

Correction Mailed 3-5-82

Please return completed form to:
OFFICE OF CONSERVATION, UIC DIVISION
P. O. Box 44275, Baton Rouge, La. 70804
Phone No. 504-[illegible]-7515

NDUM

DATE 3-5-82

TO Rosalie Mills

ROOM _____ BLDG _____

- ☐ PER OUR CONVERSATION
- ☐ PER YOUR REQUEST
- ☐ FOR YOUR INFORMATION
- ☐ FOR YOUR FILE
- ☐ FOR YOUR APPROVAL
- ☐ FOR YOUR SIGNATURE
- ☐ FOR FOLLOW-UP RECORD
- ☐ FOR DISCUSSION
- ☐ PLEASE COMMENT
- ☐ PLEASE DISTRIBUTE
- ☐ PLEASE PHONE _____
- ☐ PLEASE PROCESS
- ☐ PLEASE SEE ME
- ☐ PLEASE SEND ME FILE

☐ PLEASE RETURN TO _____

This well was reported as plugged & abandoned in error.

Majorie Martel
SIGNATURE

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO.: 970424

PRODUCING INTERVAL: 1519-82' - Now P/A

RESERVOIR (COMPANY SAND IDENTIFICATION): SWD

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES: [ ] NEW WELL [ ] RECOMPLETION [X] P & A

[ ] 31 INACTIVE DRY HOLE FUT. UTIL. [ ] 32 INACTIVE DRY HOLE NO FUT. UTIL. [ ] 36 INACTIVE WAITING ON PIPELINE [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT: [ ] OIL [ ] GAS [X] OTHER

IF RECOMPLETION: [ ] SAME RESERVOIR [ ] DIFFERENT RESERVOIR

DATE COMP., RECOMP. OR P & A (M D Y): 12-7-83

OPERATOR: Gulf Oil Corporation | CODE: 2264 | ADDRESS: P. O. Box 471, Columbia, MS 39429

WELL NAME: Hayes Unit 1 SWD | WELL NO.: 1

PARISH: Calcasieu | SEC. 18 | TWP. 11S | RGE. 5W | DATE PERMIT ISSUED: 12-7-83 Verbal perm. on 12-2-83

DATE SPUDDED (M D Y): - | DATE READY TO PRODUCE*: - | TOTAL DEPTH: 1585' | PBTD: 1582'

GROUND ELEVATION: - | CASING HEAD FLANGE ELEVATION: - | DISTANCE FROM RKB TO CHF: -

DATE WELL TURNED INTO TANKS: - | SINGLE, DUAL OR TRIPLE COMPLETION? - | NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED? - | WAS DIRECTIONAL SURVEY MADE? - | WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION? - | DATE FILED: -

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION): - | DATE FILED:

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101	-									
102										
103										
104										
105										

TUBING SIZE: | DEPTH OF TUBING: | DEPTH OF PACKER(S):

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: - BOPD | GAS VOLUME: - MCF/DAY | GOR: - CF/BBL | CHOKE SIZE: 64" | PRODUCING METHOD: -

FLOWING TUBING PRESSURE: - psig | SHUT-IN TUBING PRESSURE: - psig | CASING PRESSURE: - | WATER PRODUCTION: - BPD | BS&W: - %

GRAVITY: - °API@60° F | BHP (SHUT-IN): - psig | COMPANY REPRESENTATIVE: - | DATE GAUGED: -

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
13-3/8"	None	0	1582'	350	Balanced	12-6-83	John Dickerson
9-5/8"	None						
7"	None						
4½" Liner	None						

CERTIFICATE: I, the undersigned, state: That I am employed by Gulf Oil Corp. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: J. C. Shamburger | Title: Area Engineer

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc., the well has been shut in.

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
83-974	12-6-83	Halliburton	POH w/2-3/8" tubing and packer. GIH with cement retainer on 2-3/8" tubing. Set retainer at 1198'. Pumped 100 sacks cement below retainer. Fill 7" casing with 250 sacks cement. Cut casings off 4' below ground level. Weld ½" steel plate on top.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

STATE OF LOUISIANA

OFFICE OF CONSERVATION

PLUG AND ABANDON REPORT

970424

WELL SERIAL NO. ~~65938~~

WORK PERMIT NO. UIC 83-974 DATE WORK FINISHED (MM-DD-YY) 12-7-83

Lake Charles DISTRICT

(Three Copies to be Filed with the District Office)

NOTE: This Report Will Be Returned If Not Properly Completed And Signed.

Field Hayes Parish Calcasieu Sec. 18 Twp. 11S Rge. 5W

Operator Gulf Oil Corp CODE 2264 Well Name Hayes SWD Well No. 1

Total Depth 1585 PB1582 Condition of Well Not Feasable to Repair

CHECK APPROPRIATE BOX:

☐ 29 DRY HOLE

☐ 30 FORMERLY PRODUCTIVE WELL

☒ Formerly SWD Well

	CASING SIZE	AMOUNT PULLED	CEMENT PLUGS			
			FROM	TO	SACKS	HOW PLACED
301	13 3/8	None	0	1582	350	Halliburton
302	9 5/8	None				
303	7	None				
304	4 1/2 Liner	None				

Mud Record: Weight S/W Viscosity

Remarks: Baker E25V Retainer @ 1197. Cut csg. weld 1/2" steel plate on top.

This work was done according to the Rules and Regulations of the Office of Conservation.

Marie Schmidt
WITNESS

Gulf Oil Corp.
OPERATOR

(Signed) John Dickenson
REPRESENTATIVE

Form P & A (1-78)

BR

RM (W.F.)

STATE ~~OF~~ LOUISIANA

OFFICE OF CONSERVATION

PLUG AND ABANDON REPORT

WELL SERIAL NO. 970424 ~~65938~~

WORK PERMIT NO. UIC 83974

DATE WORK FINISHED (MM-DD-YY) 12-7-83

Lake Charles DISTRICT

(Three Copies to be Filed with the District Office)

NOTE: This Report Will Be Returned If Not Properly Completed And Signed.

Field Hayes Parish Calcasieu Sec. 18 Twp. 11S Rge. 5W

Operator Gulf Oil Corp CODE 2264 Well Name Hayes SWD Well No. 1

Total Depth 1585 PB1582 Condition of Well Not Feasable to Repair

CHECK APPROPRIATE BOX:

☐ 29 DRY HOLE

☐ 30 FORMERLY PRODUCTIVE WELL

☒ Formerly SWD Well

	CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED
301	13 3/8	None	0	1582	350	Halliburton
302	9 5/8	None				
303	7	None				
304	4 1/2 Liner	None				

Mud Record: Weight S/W Viscosity

Remarks: Baker E2SV Retainer @ 1197. Cut csg. weld 1/2" steel plate on top.

This work was done according to the Rules and Regulations of the Office of Conservation.

[signature] WITNESS

Gulf Oil Corp. OPERATOR

(Signed) John Dickinson REPRESENTATIVE

Form P&A (1-78)

State of Louisiana

PATRICK H. MARTIN
COMMISSIONER

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF CONSERVATION

P.O. BOX 44275
BATON ROUGE, LA. 70804-4275

December 7, 1983

Gulf Oil Corporation
P. O. Box 471
Columbia, MS 39429

Attn: Mr. Scott Davis

Re: Hayes Unit 1 SWD Well No. 1
Serial No. 970424
Hayes Field
Calcasieu Parish

Gentlemen:

Approval is hereby given to perform the work in the above referenced well as proposed in Work Permit No. UIC-83-974.

In accordance with the requirements of Statewide Order No. 29-B, three (3) updated copies of the Well History and Work Resume Report (Form WH-1), Plug and Abandon Report (Form P&A), and the cementing report must be sent to the Injection and Mining Division at the above address within twenty (20) days of the plugging.

Yours very truly,

PATRICK H. MARTI
Commissioner of

James H. Welsh
Injection and Mi

RMC:ts

Enclosure

cc: Lake Charles

OFFICE OF CONSERVATION **WORK PERMIT**
UIC DIVISION

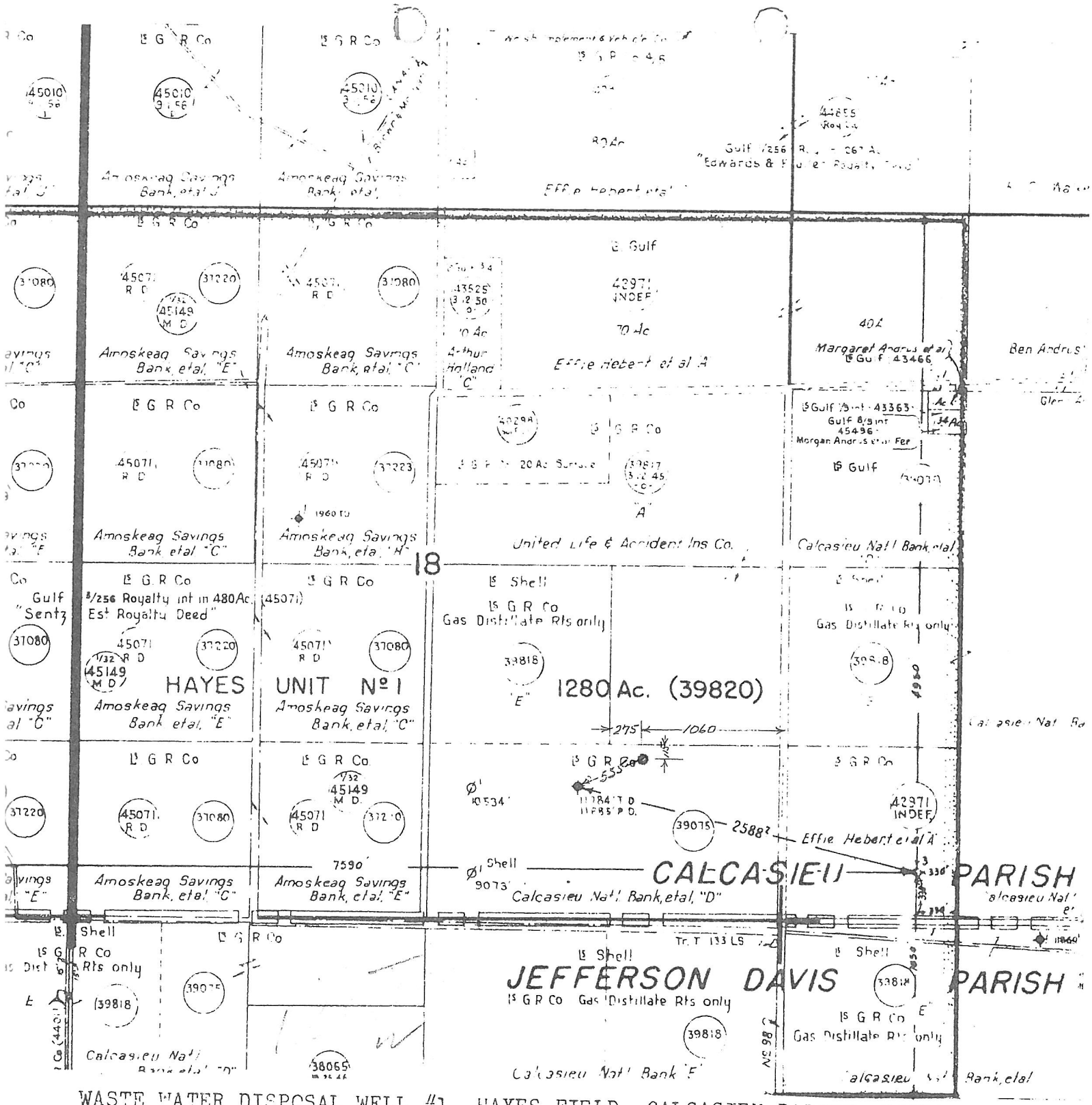
NO. UIC 83-974
SERIAL NO. 970424

WELL NAME Hayes Unit 1 SWD WELL NO. 1
SEC 18 T 11S R 5W FIELD Hayes PARISH Calcasieu
DESCRIPTION OF WORK P&A as follows: POH w/2-3/8" tbg & pkr. GIH with cmt retainer on 2-3/8" tbg. Set @ ± 1200'. Pump 100 sx cmt below retainer. Fill 7" casing with 250 sx cmt. Cut casings off 5' below ground level. Weld ½" steel plate on top.

VERBAL PERMISSION OBTAINED 12-2-83 FROM MR. ROBERT CONGER OF UIC DIVISION BY RICHARD BELLOWS OF THIS OFFICE.

OPERATOR Gulf Oil Corporation
ADDRESS P. O. Box 471
Columbia, MS 39429 PHONE 601 , 736-5356
PERMIT REQUESTED BY Scott Davis DATE 12-2-83
SIGNATURE Scott Davis
PERMIT AUTHORIZED BY James H. Welsh DATE 12/7/83

NATURAL RESOURCES B FORM UIC-WP-1 SEE INSTRUCTIONS ON REVERSE SIDE REV 3/83



WASTE WATER DISPOSAL WELL #1, HAYES FIELD, CALCASIEU PARISH, LOUISIANA

Gulf Oil Corp. - Houston Production Division -
275' East along the North Line of the South East 1/4 of the South East 1/4 of Section 18 from the North West Corner of same. Being 115' South at R/A to said line, and 1060' West of the East line; 555' North East of Hayes Unit #1 Well #2. In Section 18 - T-11S, Rge 5-W.

PATRICK H. MARTIN
COMMISSIONER

State of Louisiana
DEPARTMENT OF NATURAL RESOURCES
OFFICE OF CONSERVATION

P.O. BOX 44275
BATON ROUGE, LA. 70804-4275

December 7, 1983

Gulf Oil Corporation
P. O. Box 471
Columbia, MS 39429

Attn: Mr. Scott Davis

Re: Hayes Unit 1 SWD Well No. 1
Serial No. 970424
Hayes Field
Calcasieu Parish

Gentlemen:

Approval is hereby given to perform the work in the above referenced well as proposed in Work Permit No. UIC-83-974.

In accordance with the requirements of Statewide Order No. 29-B, three (3) updated copies of the Well History and Work Resume Report (Form WH-1), Plug and Abandon Report (Form P&A), and the cementing report must be sent to the Injection and Mining Division at the above address within twenty (20) days of the plugging.

Yours very truly,

PATRICK H. MARTI
Commissioner of

James H. Welsh
Injection and Mi

RMC:ts

Enclosure

cc: Lake Charles

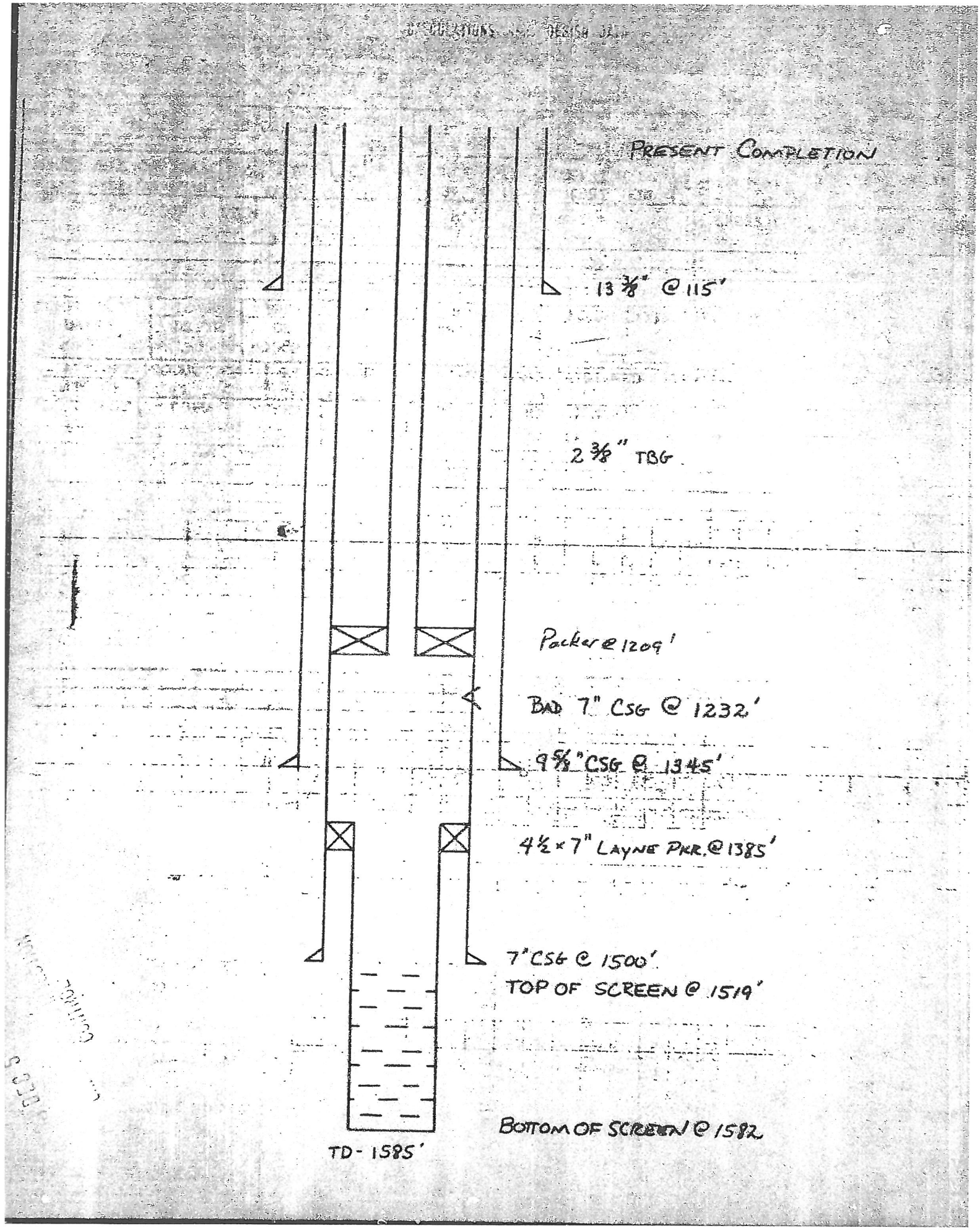
OFFICE OF CONSERVATION **WORK PERMIT**
UIC DIVISION

NO. UIC 83-974
SERIAL NO. 970424
WELL NAME Hayes Unit 1 SWD WELL NO. 1
SEC. 18 T. 11S R. 5W FIELD Hayes PARISH Calcasieu
DESCRIPTION OF WORK P&A as follows: POH w/2-3/8" tbg & pkr. GIH with cmt retainer on 2-3/8" tbg. Set @ ± 1200'. Pump 100 sx cmt below retainer. Fill 7" casing with 250 sx cmt. Cut casings off 5' below ground level. Weld ½" steel plate on top.

VERBAL PERMISSION OBTAINED 12-2-83 FROM MR. ROBERT CONGER OF UIC DIVISION BY RICHARD BELLOWS OF THIS OFFICE.

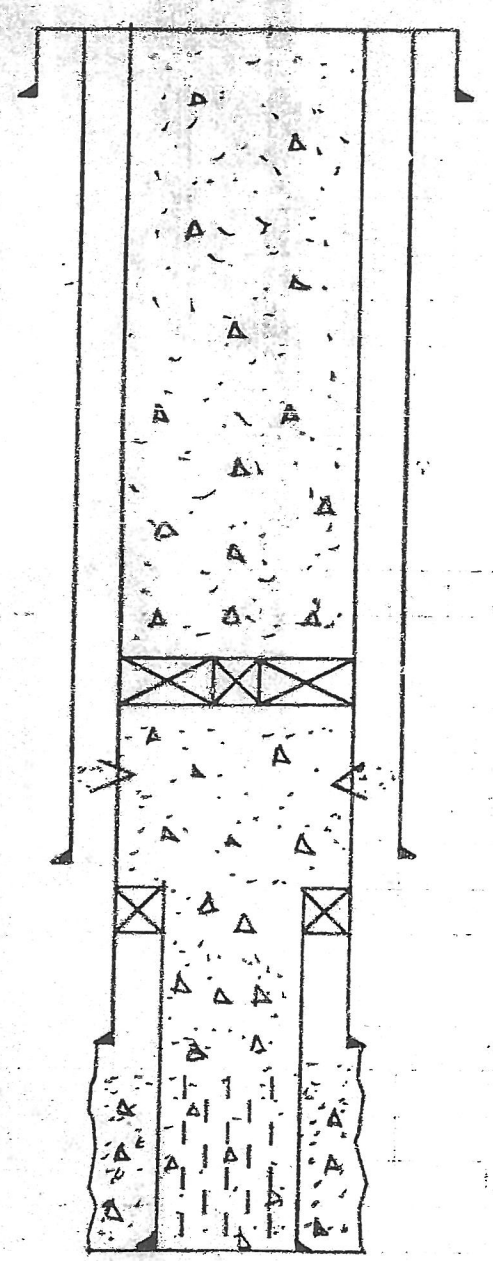
OPERATOR Gulf Oil Corporation
ADDRESS P. O. Box 471
Columbia, MS 39429 PHONE 601 , 736-5356
PERMIT REQUESTED BY Scott Davis DATE 12-2-83
SIGNATURE
PERMIT AUTHORIZED BY DATE 12/7/83

NATURAL RESOURCES B FORM UIC WP-1 SEE INSTRUCTIONS ON REVERSE SIDE REV 3/83


PRESENT COMPLETION
13 3/8" @ 115'
2 3/8" TBG
Packer @ 1209'
BAD 7" CSG @ 1232'
9 5/8" CSG @ 1345'
4 1/2 x 7" LAYNE PKR. @ 1385'
7" CSG @ 1500'
TOP OF SCREEN @ 1519'
BOTTOM OF SCREEN @ 1582
TD - 1585'

R. B.
12-2-83

Hayes Unit 1 SWD No. 1
Proposed Plug and Abandonment Schematic



5' - 1/2" steel plate welded on top.

115' - 13 3/8" csg

1200' - Depth of cmt retainer. Pump 100 sx's cmt below retainer

1232' - 7" csg bad & collapsed

1345' - 9 5/8" csg

1385' - 4 1/2 x 7" Layne pkr.

1500' - 7" csg

1519' - Top of Screen section

1582' - Bottom of Screen

TD: 1585

PO 2120 Mu Riverway
Houston TX 77001

LOUISIANA OFFICE OF CONSERVATION
UNDERGROUND INJECTION CONTROL DIVISION

DATE _____

Field/Location Hayes

Operator Gulf

Lease/Facility Hayes Unit 1 No 1

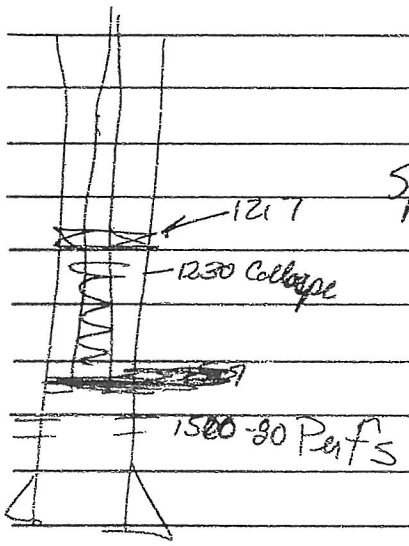
Well(s) _____

Conservation Agent R Conger

Operator's Representative Richard

Title _____

REMARKS



Verbal to P&A
Retrieve all tubing packer
Spot cement 1200 - Surface

Set retainer ± 1200
pump 100 sx thru
250 above

Annual Salt Water Disposal Well Reports

LOUISIANA GEOLOGICAL SURVEY
Salt Water Disposal Well Data

Date Approved: MARCH 5, 1957 Serial No.: [illegible]

Field: HAYES Parish: CALCASIEU

Operator and Well Name: GULF OIL CORP.
HAYES UNIT SWD #1

Sec. 12 Twp 11S Rge 5W Location:

Disposal Perf.: 1500 - 1585 Base Fr.Wtr.:

New Well ☒ Workover ☐ Bot. Surf. Csg.:

Total Depth: 1585

Workover Well Only (Previous Status): Oil____ Gas____ Other____

Producing and/or Disposal Perforations:

Remarks:

YEAR	BARRELS	
1967	5,696	
1968	48,425	
1969	264,587	Pump 550 - ?
1970	200.0	600#
1971	290.9	600
1972	121.0	600
73-	~~41649~~ 120,992	600#
74-	40,166	600#
75-	168,223	600#
76-	257,422	600#
77-	297,392	600#
78-	27,859	600#
79-	0	

LOUISIANA GEOLOGICAL SURVEY
BOX G, UNIVERSITY STATION
BATON ROUGE, LOUISIANA 70803

OPERATOR GULF OIL CORPORATION

ADDRESS P.O. Box 51327 OCS
Lafayette, Louisiana 70501

Signed [signature] 1/8/74
Company Representative Date
V. T. Jones, Jr., Area Production Manager

SALT WATER DISPOSAL WELL REPORT
CALENDAR YEAR 1973

Lake Charles Cons. Dept.

Sheet #1 of 2

Field and Parish	SWD Well Name & Number	Serial Number or Work Permit Number	Location Sec.	Location T.	Location R.	Disposal Perforations	Injection Press. Max.	Injection Press. Min.	Salt Water Injected Annually (BBLS)
S. Bell City Field	Lavoi SWD #1	WPN LC #6	9	11S	6W	1714 - 1740	Pump 400#		488,998
Calcasieu Parish									
Edgerly Field	Kraus & Managan F SWD #2	SN 44697	17	9S	11W	2599-2629			0 - T.A.
Calcasieu Parish									
Hayes Field	R. Walker SWD #1	WPN LC #1	8	11S	5W	1530-1580	Pump 350#		4,272
J. Davis & Calcasieu Psh.									
Hayes Field	Hayes Unit SWD #1	S.N. 63938	18	11S	5W	1500-1585	Pump 600#		41,649
J. Davis & Calcasieu Psh.									

DISPOSITION OF PRODUCED SALT WATER (BBLS) FOR PRECEDING YEAR

Field	Operator's Salt Water Produced - Total Field	Disposition of Produced Salt Water: To Disposal Wells	To Pits	To Streams & Rivers	To Non-Potable Water Bodies
S. Bell City	Gulf Oil Corp. - 226,951	226,951			
Edgerly	Gulf Oil Corp. - 0	0			
Hayes	Gulf Oil Corp. - 25,291	25,291			
Hayes - Unit	Gulf Oil Corp. - 120,992	120,992			

Please complete and file this report as soon after the first of the year as possible.

AS PER PARAGRAPH 10 OF AMENDED LOUISIANA DEPARTMENT OF CONSERVATION ORDER 29-B, SECTION XV, DATED OCTOBER 19, 196, WE ARE REQUESTING THAT YOU COMPLETE AND RETURN THIS FORM TO THE LOUISIANA GEOLOGICAL SURVEY, AND A COPY TO THE APPROPRIATE DISTRICT MANAGER. IN THE EVENT YOU DO NOT HAVE SALT WATER DISPOSAL WELLS CURRENTLY IN OPERATION, YOU ARE REQUESTED TO COMPLETE THE DISPOSITION OF PRODUCED SALT WATER PORTION OF THE FORM.

SWD-1R-1

LOUISIANA GEOLOGICAL SURVEY
BOX G, UNIVERSITY STATION
BATON ROUGE, LOUISIANA 70803

OPERATOR GULF OIL CORPORATION

ADDRESS P. O. Box 51327 OCS
Lafayette, Louisiana 70501

Signed [signature] 1/23/76
Company Representative Date
V. T. Jones, Jr., Area Prod. Manager

SALT WATER DISPOSAL WELL REPORT
CALENDAR YEAR 1975

LAKE CHARLES CONSERVATION DEPT.

Sheet #1 of 4

Field and Parish	SWD Well Name & Number	Serial Number or Work Permit Number	Location Sec.	Location T.	Location R.	Disposal Perforations	Injection Press. Max.	Injection Press. Min.	Salt Water Injected Annually (BBLS)
S. Bell City Field	Lavoi SWD #1	WPN LC #6	9	11S	6W	1714-1740'	Pump 400#		354,365
Calcasieu Parish									
Edgerly Field	Krause & Managan F SWD #2	S.N. 44697	17	9S	11W	2599-2629'			0 - T.A.
Calcasieu Parish									
Hayes Field	Hayes Unit SWD #1	S.N. 65938	18	11S	5W	1500-1585'	Pump 600#		168,223
Jeff Davis & Calcasieu Parishes									

DISPOSITION OF PRODUCED SALT WATER (BBLS) FOR PRECEDING YEAR

Field	Operator's Salt Water Produced -- Total Field	Disposition of Produced Salt Water: To Disposal Wells	To Pits	To Streams & Rivers	To Non-Potable Water Bodies
S. Bell City	Gulf Oil Corp. - 354,365	354,365			
Edgerly	Gulf Oil Corp. - 8,192		8,192		
Hayes - Unit	Gulf Oil Corp. - 168,223	168,223			

Please complete and file this report as soon after the first of the year as possible.

AS PER PARAGRAPH 10 OF AMENDED LOUISIANA DEPARTMENT OF CONSERVATION ORDER 29-B, SECTION XV, DATED OCTOBER 19, 1967, WE ARE REQUESTING THAT YOU COMPLETE AND RETURN THIS FORM TO THE LOUISIANA GEOLOGICAL SURVEY, AND A COPY TO THE APPROPRIATE DISTRICT MANAGER. IN THE EVENT YOU DO NOT HAVE SALT WATER DISPOSAL WELLS CURRENTLY IN OPERATION, YOU ARE REQUESTED TO COMPLETE THE DISPOSITION OF PRODUCED SALT WATER PORTION OF THE FORM.

SWD-1R-1

LOUISIANA GEOLOGICAL SURVEY
BOX G, UNIVERSITY STATION
BATON ROUGE, LOUISIANA 70803

OPERATOR GULF OIL CORPORATION

ADDRESS P.O. Box 51327 OCS
Lafayette, Louisiana 70501

Signed [signature] 1/27/77
Company Representative Date
W. T. Jones, Jr., Lafayette Prod Mgr.

SALT WATER DISPOSAL WELL REPORT
CALENDAR YEAR 1976

LAKE CHARLES CONSERVATION DEPARTMENT

Sheet #1 of 4

Field and Parish	SWD Well Name & Number	Serial Number or Work Permit Number	Location Sec.	Location T.	Location R.	Disposal Perforations	Injection Press. Max.	Injection Press. Min.	Salt Water Injected Annually (BBLS)
S. Bell City Field	Lavoi SWD #1	WPN LC #6	9	11S	6W	1714-1740'	Pump 400#		478,112
Calcasieu Parish									
Edgerly Field	Krause & Managan F SWD #2	S.N. 44697	17	9S	11W	2599-2629'			0 - T.A.
Calcasieu Parish									
Hayes Field	Hayes Unit SWD #1	S.N. 65938	18	11S	5W	1500-1585'	Pump 600#		257,422
Jeff. Davis & Calcasieu Parishes									

DISPOSITION OF PRODUCED SALT WATER (BBLS) FOR PRECEDING YEAR

Field	Operator's Salt Water Produced -- Total Field	Disposition of Produced Salt Water: To Disposal Wells	To Pits	To Streams & Rivers	To Non-Potable Water Bodies
S. Bell City	Gulf Oil Corp. - 478,112	478,112			
Edgerly	Gulf Oil Corp. - 5,282		5,282		
Hayes - Unit	Gulf Oil Corp. - 257,422	257,422			

Please complete and file this report as soon after the first of the year as possible.

AS PER PARAGRAPH 10 OF AMENDED LOUISIANA DEPARTMENT OF CONSERVATION ORDER 29-B, SECTION XV, DATED OCTOBER 19, 1967, WE ARE REQUESTING THAT YOU COMPLETE AND RETURN THIS FORM TO THE LOUISIANA GEOLOGICAL SURVEY, AND A COPY TO THE APPROPRIATE DISTRICT MANAGER. IN THE EVENT YOU DO NOT HAVE SALT WATER DISPOSAL WELLS CURRENTLY IN OPERATION, YOU ARE REQUESTED TO COMPLETE THE DISPOSITION OF PRODUCED SALT WATER PORTION OF THE FORM.

SWD-1R-1

LOUISIANA GEOLOGICAL SURVEY
BOX G, UNIVERSITY STATION
BATON ROUGE, LOUISIANA 70803

OPERATOR Gulf Oil Corporation
ADDRESS P.O. Box 51327 OCS
Lafayette, Louisiana 70505
Signed [signature] 1-20-78
Company Representative Date
J. C. Harris, Area Financial Director

SALT WATER DISPOSAL WELL REPORT
CALENDAR YEAR 1977

LAKE CHARLES CONSERVATION DEPARTMENT

Sheet 1 of 4

Field and Parish	SWD Well Name & Number	Serial Number or Work Permit Number	Location Sec.	Location T.	Location R.	Disposal Perforations	Injection Press. Max.	Injection Press. Min.	Salt Water Injected Annually (BBLS)
S. Bell City Field	Lavoi SWD #1	WPN LC #6	9	11S	6W	1714-1740'	Pump 400#		878,795
Calcasieu Parish									
Edgerly Field	Krause & Managan F SWD #2	S.N. 44697	17	9S	11W	2599-2629'			0-T.A.
Calcasieu Parish									
Hayes Field	Hayes Unit SWD #1	W.N. 65938	18	11S	5W	1500-1585'	Pump 600#		297,392
Jeff. Davis & Calcasieu Parishes	Hayes Unit SWD #2	S.N. 867-77	18	11S	5W	1888-1908'	Pump 600#		0

DISPOSITION OF PRODUCED SALT WATER (BBLS) FOR PRECEDING YEAR

Field	Operator's Salt Water Produced -- Total Field	Disposition of Produced Salt Water: To Disposal Wells	To Pits	To Streams & Rivers	To Non-Potable Water Bodies
S. Bell City	Gulf Oil Corp. - 878,795	878,795			
Edgerly	Gulf Oil Corp. - 13,821		13,821		
Hayes - Unit	Gulf Oil Corp. - 297,392	297,392			

Please complete and file this report as soon after the first of the year as possible.

AS PER PARAGRAPH 10 OF AMENDED LOUISIANA DEPARTMENT OF CONSERVATION ORDER 29-B, SECTION XV, DATED OCTOBER 19, 1967, WE ARE REQUESTING THAT YOU COMPLETE AND RETURN THIS FORM TO THE LOUISIANA GEOLOGICAL SURVEY, AND A COPY TO THE APPROPRIATE DISTRICT MANAGER. IN THE EVENT YOU DO NOT HAVE SALT WATER DISPOSAL WELLS CURRENTLY IN OPERATION, YOU ARE REQUESTED TO COMPLETE THE DISPOSITION OF PRODUCED SALT WATER PORTION OF THE FORM.

SWD-1R-1

LOUISIANA GEOLOGICAL SURVEY
BOX G, UNIVERSITY STATION
BATON ROUGE, LOUISIANA 70803

OPERATOR Gulf Oil Corporation

ADDRESS P.O. Box 51327 OCS
Lafayette, Louisiana 70505

Signed

Company Representative
V. T. Jones, Jr., Area Prod. Manager

Date

SALT WATER DISPOSAL WELL REPORT
CALENDAR YEAR 1978

LAKE CHARLES CONSERVATION DEPARMTNET

Sheet #3 of 4

Field and Parish	SWD Well Name & Number	Serial Number or Work Permit Number	Location Sec.	Location T.	Location R.	Disposal Perforations	Injection Press. Max.	Injection Press. Min.	Salt Water Injected Annually (BBLS)
S. Bell City Field	Lavoi SWD #1	WPN LC #6	9	11S	6W	1714-1740'	Pump 400#		658,027
Calcasieu Parish									
Edgerly Field	Krause & Managan F SWD #2	S.N. 44697	17	9S	11W	2599-2629			0-T.A.
Calcasieu Parish									
Hayes Field	Hayes Unit SWD #1	S.N. 65938	18	11S	5W	1500-1585'	Pump 600#		271,859
Jeff. Davis & Calcasieu Ph.	Hayes Unit SWD #2	S.N. 867-77	18	11S	5W	1888-1908'	Pump 600#		0

DISPOSITION OF PRODUCED SALT WATER (BBLS) FOR PRECEDING YEAR

Field	Operator's Salt Water Produced -- Total Field	Disposition of Produced Salt Water: To Disposal Wells	To Pits	To Streams & Rivers	To Non Potable Water Bodies
S. Bell City	Gulf Oil Corp. - 658,027	658,027			
Edgerly	Gulf Oil Corp. - 4,634		4,634		
Hayes - Unit	Gulf Oil Corp. - 271,859	271,859			

Please complete and file this report as soon after the first of the year as possible.

AS PER PARAGRAPH 10 OF AMENDED LOUISIANA DEPARTMENT OF CONSERVATION ORDER 29-B, SECTION XV, DATED OCTOBER 19, 1967, WE ARE REQUESTING THAT YOU COMPLETE AND RETURN THIS FORM TO THE LOUISIANA GEOLOGICAL SURVEY, AND A COPY TO THE APPROPRIATE DISTRICT MANAGER. IN THE EVENT YOU DO NOT HAVE SALT WATER DISPOSAL WELLS CURRENTLY IN OPERATION, YOU ARE REQUESTED TO COMPLETE THE DISPOSITION OF PRODUCED SALT WATER PORTION OF THE FORM.

DEPARTMENT OF CONSERVATION
GEOLOGICAL OIL & GAS DIVISION
P. O. BOX 44006 - CAP. STA.
BATON ROUGE, LA. 70804

OPERATOR Gulf Oil Corporation

ADDRESS P. O. Box 51327 OCS
Lafayette, LA 70505

Signed [signature] 1-24-80
Company Representative Area Engineer — Date

SALT WATER DISPOSAL WELL REPORT
CALENDAR YEAR 1979

Lake Charles Conservation Department Sheet #3 of 5

Field and Parish	SWD Well Name & Number	Serial Number or Work Permit Number	Location Sec.	Location T.	Location R.	Disposal Perforations	Injection Press. Max.	Injection Press. Min.	Salt Water Injected Annually (BBLS)
S. Bell City Field	Lavoi SWD #1	WPN LC #6	9	11S	6W	1714-1740'	400	0	628,903
Calcasieu Parish									
Edgerly Field	Krause & Managan F SWD #2	S.N. 44697	17	9S	11W	2599-2629'			O-T. A.
Calcasieu Parish									
Hayes Field	Hayes Unit SWD #1	S.N. 65938	18	11S	5W	1500'-1585'			0
Jeff. Davis & Calcasieu Ph.	Hayes Unit SWD #2	S.N. 867-77	18	11S	5W	1888-1908'	350	0	40,192

DISPOSITION OF PRODUCED SALT WATER (BBLS) FOR CALENDAR YEAR 1979

Field	Operator's Salt Water Produced -- Total Field	Disposition of Produced Salt Water: To Disposal Wells	To Pits	To Streams & Rivers	To Non-Potable Water Bodies
S. Bell City	Gulf Oil Corp. 628,903	628,903			
Edgerly	Gulf Oil Corp. 3,294		3,294		
Hayes - Unit	Gulf Oil Corp. 40,192	40,192			

Please complete and file this report as soon after the first of the year as possible.

AS PER PARAGRAPH 10 OF AMENDED LOUISIANA DEPARTMENT OF CONSERVATION ORDER 29-B, SECTION XV, DATED OCTOBER 19, 1967, WE ARE REQUESTING THAT YOU COMPLETE AND RETURN THIS FORM TO GEOLOGICAL OIL & GAS DIVISION, AND A COPY TO THE APPROPRIATE DISTRICT MANAGER. IN THE EVENT YOU DO NOT HAVE SALT WATER DISPOSAL WELLS CURRENTLY IN OPERATION, YOU ARE REQUESTED TO COMPLETE THE DISPOSITION OF PRODUCED SALT WATER PORTION OF THE FORM.

FILED WITH: ✓ GEOLOGICAL OIL & GAS DIVISION

____ APPROPRIATE DISTRICT OFFICE

O. W. Salyer

(INSTRUCTIONS - SEE REVERSE SIDE)

SWD-1R-1

DEPARTMENT OF CONSERVATION
GEOLOGICAL OIL & GAS DIVISION
P. O. BOX 44006 - CAP. STA.
BATON ROUGE, LA. 70804

OPERATOR Gulf Oil Corporation

ADDRESS P. O. Box 51327 OCS
Lafayette, LA 70505

Signed H. E. Sealy 1-23-81
Company Representative Date
Area Engineer

SALT WATER DISPOSAL WELL REPORT
CALENDAR YEAR 1980

Lake Charles Conservation Department Sheet #3 of 5

Field and Parish	SWD Well Name & Number	Serial Number or Work Permit Number	Location Sec.	T.	R.	Disposal Perforations	Injection Press. Max.	Min.	Salt Water Injected Annually (BBLS)
S. Bell City Field	Lavoi SWD #1	WPN LC #6	9	11S	6W	1714-1740'	400	0	335,015
Calcasieu Parish									
Edgerly Field	Krause & Managan F SWD #2	S.N. 44697	17	9S	11W	2599-2629'			0-T. A.
Calcasieu Parish									
Hayes Field	Hayes Unit SWD #1	S.N. 65938	18	11S	5W	1500'-1585'			0
Jeff. Davis & Calcasieu Pa.	Hayes Unit SWD #2	S.N. 867-77	18	11S	5W	1888-1908'	350	0	16,598

DISPOSITION OF PRODUCED SALT WATER (BBLS) FOR CALENDAR YEAR 1980

Field	Operator's Salt Water Produced -- Total Field	Disposition of Produced Salt Water: To Disposal Wells	To Pits	To Streams & Rivers	To Non-Potable Water Bodies
S. Bell City	Gulf Oil Corp. 335,015	335,015			
Edgerly	Gulf Oil Corp. 2,812		2,812		
Hayes - Unit	Gulf Oil Corp. 16,598	16,598			

Please complete and file this report as soon after the first of the year as possible.

AS PER PARAGRAPH 10 OF AMENDED LOUISIANA DEPARTMENT OF CONSERVATION ORDER 29-B, SECTION XV, DATED OCTOBER 19, 1967, WE ARE REQUESTING THAT YOU COMPLETE AND RETURN THIS FORM TO GEOLOGICAL OIL & GAS DIVISION, AND A COPY TO THE APPROPRIATE DISTRICT MANAGER. IN THE EVENT YOU DO NOT HAVE SALT WATER DISPOSAL WELLS CURRENTLY IN OPERATION, YOU ARE REQUESTED TO COMPLETE THE DISPOSITION OF PRODUCED SALT WATER PORTION OF THE FORM.

FILED WITH: _____ GEOLOGICAL OIL & GAS DIVISION

_____ APPROPRIATE DISTRICT OFFICE

O. W. Salyer

(INSTRUCTIONS - SEE REVERSE SIDE)

SWD-1R-1

cp

DEPARTMENT OF CONSERVATION
GEOLOGICAL OIL & GAS DIVISION
P. O. BOX 44006 - CAP. STA.
BATON ROUGE, LA. 70804

OPERATOR Gulf Oil Corporation

ADDRESS P. O. Box 51327 OCS
Lafayette, LA 70505

Signed [signature] 2-2-82
Company Representative Area Engineer — Date

SALT WATER DISPOSAL WELL REPORT
CALENDAR YEAR 1981

Lake Charles Conservation Department Sheet #3 of 5

Field and Parish	SWD Well Name & Number	Serial Number or Work Permit Number	Location Sec.	Location T.	Location R.	Disposal Perforations	Injection Press. Max.	Injection Press. Min.	Salt Water Injected Annually (BBLS)
S. Bell City Field	Lavoi SWD #1	WPN LC #6	9	11S	6W	1550'-1740'	330	---	350, 193
Calcasieu Parish									
Edgerly Field	Krause & Managan F SWD #2	S.N. 44697	17	9S	11W	2534'-2560'	---		Inactive
Calcasieu Parish									
Jeff. Davis & Calcasieu Ph.	Hayes Unit SWD #2	S.N. 867-77	18	11S	5W	1888-1908'	200		9,574

DISPOSITION OF PRODUCED SALT WATER (BBLS) FOR CALENDAR YEAR 1981

Field	Operator's Salt Water Produced -- Total Field	Disposition of Produced Salt Water: To Disposal Wells	To Pits	To Streams & Rivers	To Non-Potable Water Bodies
S. Bell City	Gulf Oil Corp. 350,193	350,193			
Edgerly	Gulf Oil Corp. 3,150		3,150		
Hayes - Unit	Gulf Oil Corp. 9,574	9,574			

Please complete and file this report as soon after the first of the year as possible.

AS PER PARAGRAPH 10 OF AMENDED LOUISIANA DEPARTMENT OF CONSERVATION ORDER 29-B, SECTION XV, DATED OCTOBER 19, 1967, WE ARE REQUESTING THAT YOU COMPLETE AND RETURN THIS FORM TO GEOLOGICAL OIL & GAS DIVISION, AND A COPY TO THE APPROPRIATE DISTRICT MANAGER. IN THE EVENT YOU DO NOT HAVE SALT WATER DISPOSAL WELLS CURRENTLY IN OPERATION, YOU ARE REQUESTED TO COMPLETE THE DISPOSITION OF PRODUCED SALT WATER PORTION OF THE FORM.

FILED WITH: ____ GEOLOGICAL OIL & GAS DIVISION

____ APPROPRIATE DISTRICT OFFICE

(INSTRUCTIONS - SEE REVERSE SIDE)

F.H. Dempsey

SWD-1R-1

DEPARTMENT OF CONSERVATION
GEOLOGICAL OIL & GAS DIVISION
P. O. BOX 44006 - CAP. STA.
BATON ROUGE, LA. 70804

OPERATOR Gulf Oil Corportion (2264)
ADDRESS P. O. Box 471
Columbia, MS 39429
Signed J. C. Shamburger 2-25-83
Company Representative Date
Area Engineer

SALT WATER DISPOSAL WELL REPORT
CALENDAR YEAR 82

Lake Charles Conservation Department Sheet #3 of 5

Field and Parish	SWD Well Name & Number	Serial Number or Work Permit Number	Location Sec.	T.	R.	Disposal Perforations	Injection Press. Max.	Min.	Salt Water Injected Annually (BBLS)
S. Bell City Field	Lavoi SWD #1	~~WPN LG #6~~ #970426	9	11S	6W	1550'-1740'	350	275	90,154 ✓
Calcasieu Parish									
Edgerly Field	Krause & Managan F SWD #2	S.N. ~~44697~~ 38553	17	9S	11W	2534'-2560'			
Calcasieu Parish									Inactive ✓
Hayes Field									
Jeff. Davis & Calcasieu Ph.	Hayes Unit SWD #2	S.N. ~~867-77~~ #970427	18	11S	5W	1888-1908'	190		3,627 ✓

DISPOSITION OF PRODUCED SALT WATER (BBLS) FOR CALENDAR YEAR _____

Field	Operator's Salt Water Produced -- Total Field	Disposition of Produced Salt Water: To Disposal Wells	To Pits	To Streams & Rivers	To Non-Potable Water Bodies
S. Bell City	Gulf Oil Corp. 90,154	90,154			
Edgerly	Gulf Oil Corp. 2,814		2,814		
Hayes - Unit	Gulf Oil Corp. 3,627	3,627			

Please complete and file this report as soon after the first of the year as possible.

AS PER PARAGRAPH 10 OF AMENDED LOUISIANA DEPARTMENT OF CONSERVATION ORDER 29-B, SECTION XV, DATED OCTOBER 19, 1967, WE ARE REQUESTING THAT YOU COMPLETE AND RETURN THIS FORM TO GEOLOGICAL OIL & GAS DIVISION, AND A COPY TO THE APPROPRIATE DISTRICT MANAGER. IN THE EVENT YOU DO NOT HAVE SALT WATER DISPOSAL WELLS CURRENTLY IN OPERATION, YOU ARE REQUESTED TO COMPLETE THE DISPOSITION OF PRODUCED SALT WATER PORTION OF THE FORM.

FILED WITH: ____ GEOLOGICAL OIL & GAS DIVISION

____ APPROPRIATE DISTRICT OFFICE

(INSTRUCTIONS - SEE REVERSE SIDE)

F.H. Dempsey

SWD-1R-1

POSTED

Department of Natural Resources

Office of Conservation

WELL RECORDS

SN 970427

Hayes Unit 1 SWD No. 2

Permit Date: 10/4/1977

Status: 29

Status Date: 9/4/1984

Hayes Field

Sec 18, Twn 11S, Rge 5W

Calcasieu Parish, La.

Gulf Energy and Minerals Company - U. S.

PRODUCTION DEPARTMENT
LAFAYETTE AREA

V. T. Jones, Jr.
MANAGER

P. O. Box 51327 O. C. S.
Lafayette, Louisiana 70501

September 27, 1977

Department of Conservation
P. O. Box 1767
Lake Charles, Louisiana 70601

Attention: Mr. William C. Wilhite, District Manager

RE: Hayes Unit 1 SWD #2
Hayes Field
Calcasieu Parish, Louisiana

Dear Sir:

Authority is requested by Gulf Oil Corporation to drill a ~~waste~~ salt water disposal well in Section 18, Township 11 South, Range 5 West, Hayes Field, Calcasieu Parish, Louisiana.

Attached are application for work permit, plat and schematic diagram of the proposed disposal well.

We are presently disposing of the field produced water in Well No. 1, which was drilled in 1957. At present, this well is disposing of 740 barrels of water per day through a screened section 1519' to 1582'.

The disposal intervals in the new well will be selected after logging of same.

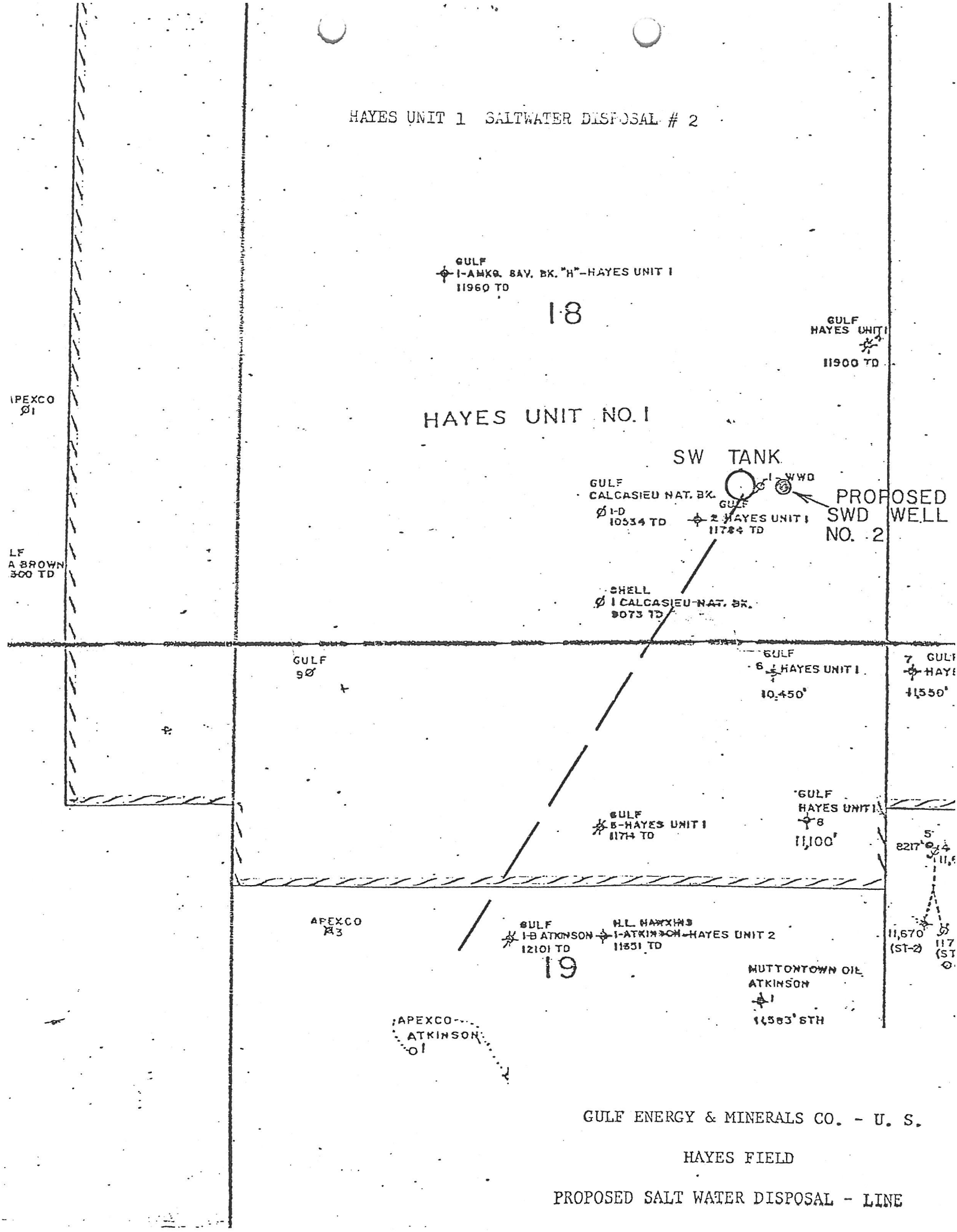
Yours very truly,

J. C. Harris
Area Financial Director

JNR:mrm

Attachments

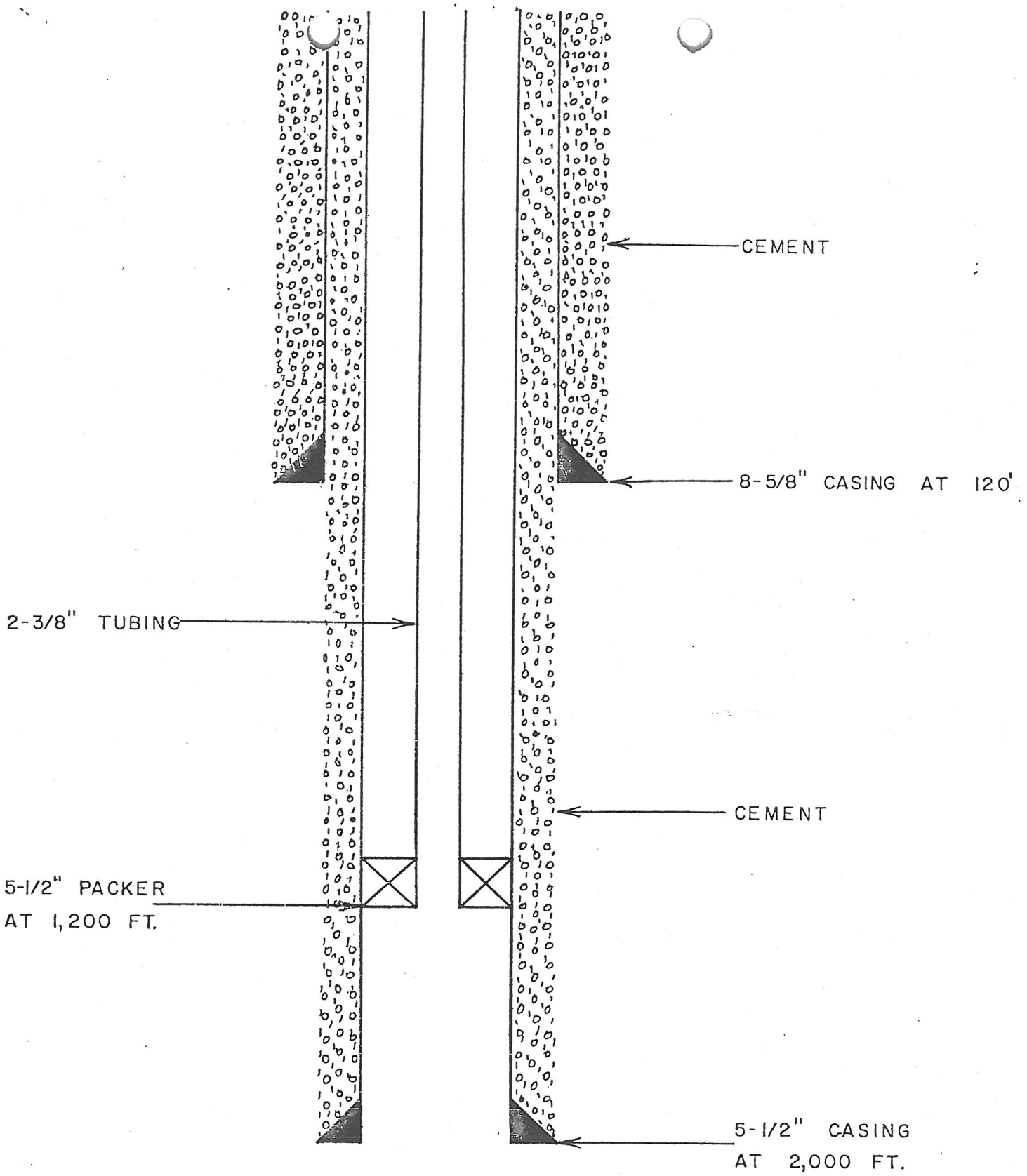
HAYES UNIT 1 SALTWATER DISPOSAL # 2



GULF ENERGY & MINERALS CO. - U. S.

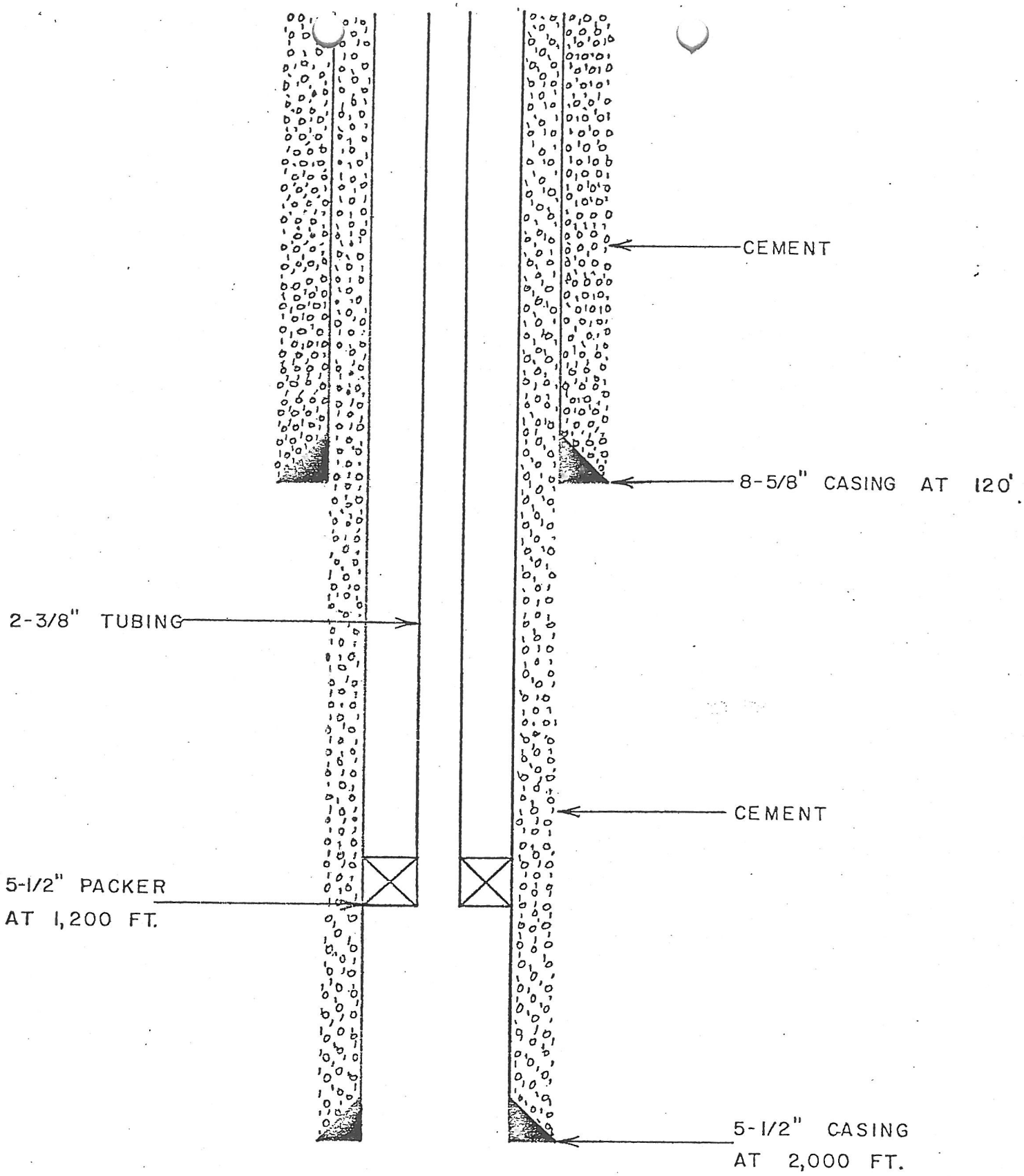
HAYES FIELD

PROPOSED SALT WATER DISPOSAL - LINE



HAYES UNIT I SALT WATER DISPOSAL WELL NO. 2

HAYES FIELD, CALCASIEU PH., LOUISIANA



HAYES UNIT I SALT WATER DISPOSAL WELL NO. 2

HAYES FIELD, CALCASIEU PH., LOUISIANA

State of Louisiana

DEPARTMENT OF CONSERVATION

Inter Office

Date: 9/30/77

To: LOUISIANA GEOLOGICAL SURVEY

From: Lake Charles District

Attn: Calvin Thomas

Enclosed herewith please find application from Gulf Oil Corporation

for permit to drill

their Hayes Unit 1 SWD #2, Hayes Field

Calcasieu Parish, Louisiana. Zone onshore

Also enclosed please find:

Check No. _____ in the amount of $ _____.

_____ Well location plat

_____ Well location certification

_____ Form A.D.C.
_____ Electric Log
_____ Schematic diagram
_____ (Dual) structure map if well does not comply with existing Orders
_____ (Selective-Onshore) structure map showing reservoir limits
_____ (Selective-Offshore) letter(s) of no objection from offset operators

Applicable Department of Conservation Order No. 29-B.

Pending Hearing, Docket No. _____.

Remarks & Recommendations:

Recommend approval. This application complies with our requirements and is reasonable and acceptable.

By _____
District Manager
W. C. WILHITE

~~cc: Geological Oil & Gas Division~~
~~Prod. Audit (for Amended Reports only)~~

LT-1

State of Louisiana

R. T. SUTTON
COMMISSIONER

OFFICE OF CONSERVATION
GEOLOGICAL OIL AND GAS DIVISION
P.O. BOX 44006-CAPITOL STATION
BATON ROUGE, LOUISIANA 70804

October 4, 1977

Mr. W. C. Wilhite
District Manager
Office of Conservation
P.O. Box 1767
Lake Charles, Louisiana 70604

Re: Gulf Energy & Minerals Co.
Application to drill
Hayes Unit 1 SWD #2
Sec. 18-11S-5W
Hayes Field, Calcasieu Parish

Dear Mr. Wilhite:

Approval is granted for the above application to drill subject SWD well. Applicant will submit electrical log to this office before final completion.

Reference is made to Paragraph 10 of the Amendment to Statewide Order No. 29-B, dated October 19, 1967, which states "A reasonable estimate of the amount of salt water injected annually into each disposal well shall be reported to the Geological Oil & Gas Division, P.O. Box 44006-Capitol Station, Baton Rouge, La., 70804, with a copy to the appropriate District Manager, such report to be filed during the first quarter of next calendar year." We would like to have this report filed as soon as possible in 1978.

Yours very truly,

GEOLOGICAL OIL & GAS DIVISION

By Robert D. Bates
Robert D. Bates
Chief Conservation Geologist

RDB:CT:bf
cc: Jackie DeVall
Gulf Energy & Mineral Company

Loc not clear

October 4, 1977

Mr. W. C. Wilhite
District Manager
Office of Conservation
P.O. Box 1767
Lake Charles, Louisiana 70602

X Re: Gulf Energy & Minerals Co.
Application to Drill
Bayou Unit 1 SWD #2
Sec. 18-11S-2W
Hayes Field, Calcasieu Parish

Dear Mr. Wilhite:

Approval is granted for the above application to drill subject [illegible] well. Applicant will submit electrical log to this office before final completion.

Reference is made to Paragraph 10 of the Amendment to Statewide Order No. [illegible], dated October 19, 1967, which states "A reasonable estimate of the amount of salt water injected annually into each disposal well shall be reported to the Geological Oil & Gas Division, P.O. Box 44004-Capitol Station, Baton Rouge, La., [illegible], with a copy to the appropriate District Manager, such report to be filed during the first quarter of next calendar year." We would like to have this report filed as soon as possible in 1978.

Yours very truly,

GEOLOGICAL OIL & GAS DIVISION

By _____
Robert D. Bates
Chief Conservation Geologist

RDB:Cf:bf
cc: Jackie DeVall
Gulf Energy & Mineral Company

LOUISIANA GEOLOGICAL SURVEY
Salt Water Disposal Well Data

Date Approved: 10-4-77 Serial No.: New Well

Field: Hayes Parish: Calcasieu

Operator and Well Name: Gulf Energy & Min. Co.
Hayes Unit 1 SWD # 2

Sec. 18 Twp 11S Rge 5W Location:
- Perf after Log -

Disposal Perf.: Base Fresh Water: ±1000' Brack

New Well [X] Workover [ ] Bot. Surf. Csg.: —
Total Depth: 2000'

Workover Well Only (Previous Status): Oil ___ Gas ___ Other ___

Producing and/or Disposal Perforations: ___

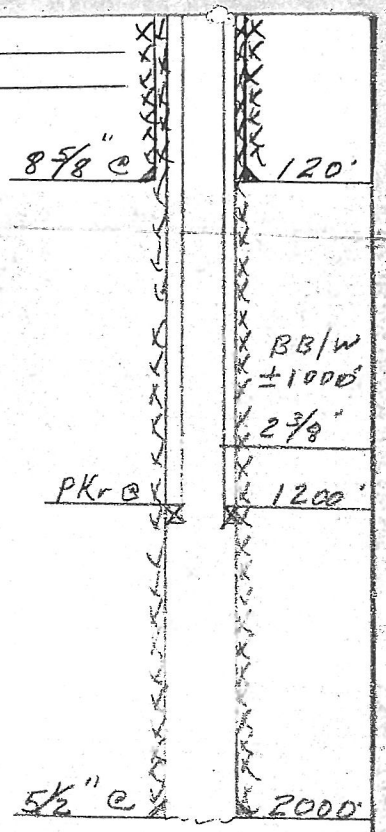
Remarks: Vol = 740 B/D

SW INJ

77

78 0

79 40,192 350/0



50M-3-77-SW 2453

HALLIBURTON SERVICES
A Division of Halliburton Company
DUNCAN, OKLAHOMA 73533

1908 R-2

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO. 285610

DATE 11-4-77

DISTRICT Lake Charles

YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE HALLIBURTON SERVICES THE SAME AS AN INDEPENDENT CONTRACTOR TO: Gulf Energy And Mineral (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 2 LEASE Hayes Unit 1 SWD SEC. ____ TWP. ____ RANGE ____

FIELD Hayes COUNTY Calcasieu STATE LA. OWNED BY SAME

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME ____ TYPE ____

FORMATION THICKNESS ____ FROM ____ TO ____

PACKER: TYPE ____ SET AT ____

TOTAL DEPTH ____ MUD WEIGHT ____

BORE HOLE ____

INITIAL PROD: OIL ____ BPD, H_2O ____ BPD, GAS ____ MCF

PRESENT PROD: OIL ____ BPD, H_2O ____ BPD, GAS ____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	N		5½			
LINER						
TUBING						SHOTS/FT.
OPEN HOLE						
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE ____ TYPE ____ MATERIALS ____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ☐ ANNULUS ☐ CASING ☐ TUBING/ANNULUS ☐ HYDRAULIC HORSEPOWER ORDERED ____

Furnish equip To Cement 5½ CASING

CUSTOMER OR HIS AGENT STATES THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

As consideration, the above-named Customer agrees:

(a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists.

(b) Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer), unless caused by the willful misconduct or gross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.

(c) Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton.

(d) Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass, or ar action in the nature thereof, arising from a service operation performed by Halliburton hereunder.

(e) Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damag to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with th use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton.

(f) Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.

(g) Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipmer tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs ur less such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after d ively to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.

(h) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will u their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be responsible for ar damages arising from the use of such information except where due to Halliburton's gross negligence or willful misconduct in the preparation or furnishing of

(i) Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN TH IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, bre of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supp or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event sh Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

(j) Upon Customer's default in the payment of Customer's account 60 days after date of invoice, such account will thereafter be subject to interest until paid. the event it becomes necessary to employ an attorney to enforce collection of such account, Customer agrees to pay all collection costs and attorney fees in amount of 20 per cent of the amount of the unpaid account.

(k) Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT

SIGNED [signature] CUSTOMER

DEPARTMENT OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: HAYES

SERIAL NO.:

PRODUCING INTERVAL: 1888-1908'

RESERVOIR (COMPANY SAND IDENTIFICATION): Disposal of Salt Water

Three typewritten copies of this report must be filed with the District Office of the Department of Conservation in which the well is located within twenty (20) days of the date of completion: NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA: SALT WATER DISPOSAL

DESIGNATE TYPE OF COMPLETION: NEW WELL [XX] RECOMPLETION [ ] SAME RESERVOIR [ ] DIFFERENT RESERVOIR [ ] OIL [ ] GAS [ ] P&A [ ]

OPERATOR: GULF OIL CORPORATION	ADDRESS: Post Office Box 51327 OCS, Lafayette LA 70505
WELL NAME: HAYES S.W.D.	WELL NO.: 2
PARISH: Calcasieu	SEC. 18 TWP. 11S RGE. 5W
DATE PERMIT ISSUED: 9/27/77	
DATE SPUDDED: 10/31/77	DATE READY TO PRODUCE*: 11/9/77
TOTAL DEPTH: 2,000'	PBTD.: --
GROUND ELEVATION: --	CASING HEAD FLANGE ELEVATION: --
DISTANCE FROM RKB TO CHF: --	
DATE WELL TURNED INTO TANKS: S.W.D. Well	SINGLE, DUAL OR TRIPLE COMPLETION?: Single
NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION	
WAS WELL DIRECTIONALLY DRILLED?: No	WAS DIRECTIONAL SURVEY MADE?: --
WERE 3 COPIES FILED WITH THE DEPARTMENT OF CONSERVATION?: --	DATE FILED: --
TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH DEPT. OF CONSERVATION): --	DATE FILED: --

CASING, LINER AND TUBING RECORD

CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED	NAME OF TEST WITNESS-STATE IF DEPT. AGENT OR OFFSET OPERATOR
5 1/2		15.5#	1990'	400			11/5/77	O. Salyer

TUBING SIZE: 2 7/8" DEPTH OF TUBING: 17.47' DEPTH OF PACKER(S): 1752'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: BOPD	GAS VOLUME: MCF/DAY	CHOKE SIZE	WELL STATUS
TUBING PRESSURE: psig	CASING PRESSURE: psig	GOR	BS & W: %
BHP - (SHUT-IN): psi			
GRAVITY: °API@60°F	CONSERVATION AGENT MAKING GAUGE	COMPANY REPRESENTATIVE	DATE GAUGED

PLUG AND ABANDON (P&A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF DEPT. AGENT OR OFFSET OPERATOR

CERTIFICATE: I, the undersigned, state: That I am employed by GULF OIL CORPORATION and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Form WH Signature: J.C. Harris J.C. HARRIS Title: Area Financial Director

* Date well is equipped to produce, but due to no available market, no pipe line connection, etc.; the well has been shut-in.

WORK RESUME

List below all work performed under Department of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
867-77	11/9/77		Perforate 1888-1908'

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt tops and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

CONSERVATION DEPT.
NOV 30 1977
LAKE CHARLES

Work Permit

STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

Name & No. Hayes Unit 1 SWD# 2 Sec. 18 T 11S R 5W

Field Hayes Parish Calcasieu

Permit Serial No. SWD # 2 Work Permit No. 867-77

Description of Work Perforate 1888-1908' Gr.

Sand & Reservoir To Be Tested For Disposal of S.W. TD 2000'

Operator GULF OIL CORPORATION

Address P.O. Box 51327 OCS

City, State & Zip Lafayette, La. 70505

Permit Requested By J. C. Harris Date 11/9/77

Area Financial Director

Authorized By District 31 Date 11/10/77

See Instructions On Reverse Side

Form DM-4R Rev.

STATE OF LOUISIANA OFFICE OF CONSERVATION

TYPE ONLY

APPLICATION FOR PERMIT TO DRILL or (RENEW) FOR MINERALS

SERIAL NO. 92[illegible] DATE 10-4-77 (MM D YR)

CODE NUMBERS: 010 / 4439 / [illegible]

PARISH Calcasieu

FIELD Hayes

OPERATOR Gulf Energy & Minerals Co.

ADDRESS P.O. Box 51327 OCS

CITY Lafayette STATE La. ZIP 70501

WELL NAME Hayes Unit #1 SWD NO. 2

LOCATION 18 T 11S R 5W

900' WEST AND 1225' NORTH OF SOUTHEAST COR.

APPLICATION FOR ☐ OIL ☐ GAS ☒ OTHER WELL SWD PROPOSED TOTAL DEPTH

ZONE or RESERVOIR OF PROPOSED COMPLETION

APPLICABLE OFFICE OF CONSERVATION ORDERS

SEND PERMIT TO

FOR ADDITIONAL INFORMATION—CONTACT: PHONE

BY APPLICANT'S SIGNATURE

DISTRICT APPROVAL DATE ,19

ISSUED BY DATE ,19

API No. (OC USE ONLY) 1701988009

Form MO 10 B(1-76)

SEP 29 1977

LAKE CHARLES

DISTRICT Lake Charles

APPLICATION FOR PERMIT TO DRILL OR (RENEW) FOR MINERALS

SERIAL NO. _____ DATE 10.4.77

CODE NUMBERS
010
4439
9999

PARISH Calcasieu

FIELD Hayes

OPERATOR Gulf Energy & Minerals Co.

ADDRESS P.O. Box 51327 OCS

CITY Lafayette STATE La. ZIP 70501

WELL NAME Hayes Unit #1 SWD NO. 2

LOCATION: SEC 18 TWP 11S RGE 5W

APPLICATION FOR ☒ SALT WATER DISPOSAL ☐

API NO. 17

CLASS II
INJECTION WELL INVENTORY

SERIAL NO. ~~SWD #2~~ 970427 OR WORK PERMIT NO. 867-77 on 11/9/77 Perf Permit

	CODE NO. (IF ASSIGNED)
PARISH Calcasieu	010 ✓
FIELD Hayes	4439 ✓
OPERATOR Gulf Oil Corporation	2264 ✓

ADDRESS P.O. Box 51327

Lafayette (city) La (State) 70505 (Zip)

TELEPHONE NO. 318-232-7520

WELL NAME Hayes Unit 1 SWD WELL NO. 2

LOCATION: SEC. 18 TWP. 11S RGE. 5W

DESCRIPTION 175' E along NL of SE ¼ of SE ¼ Sec. 18 from NW Cor. of same, being 115' S @ RA to line

ORIGINAL SPUD DATE 10/31/77 ✓ TOTAL DEPTH 2,000 ✓

ZONE OF COMPLETION:

	FROM	TO		
PRESENT	1,888	1,908 GR ✓	DATE	11/77
PAST			DATE	
PAST			DATE	
PAST			DATE	

WELL TYPE:
- [ ] ANNULAR INJECTION WELL
- [X] PRODUCED FLUID INJECTION WELL
- [ ] HYDROCARBON STORAGE WELL
- [ ] ENHANCED RECOVERY INJECTION WELL
- [ ] OTHER: EXPLAIN

OFFICE OF CONSERVATION
NOV 5 1981
UNDERGROUND INJ. CONTROL

WELL OPERATING STATUS:
- [X] ACTIVE
- [ ] INACTIVE (EXPLAIN)
- [ ] PLUGGED AND ABANDONED (DATE)
- [ ] OTHER (EXPLAIN)

SIGNATURE R H Charitat 11-4-81 (DATE)

TITLE Area Engineer

Please return completed form to:
OFFICE OF CONSERVATION, UIC DIVISION
P. O. Box 44275, Baton Rouge, La. 70804
Phone No. 504-342-5515

L.M.

State of Louisiana

EDWIN W. EDWARDS
GOVERNOR
WILLIAM C. HULS
SECRETARY

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF CONSERVATION

HERBERT W. THOMPSON
ASSISTANT SECRETARY
and
COMMISSIONER

August 30, 1984

Gulf Oil Corporation
P. O. Box 471
Columbia, MS 39429

ATTN: J. C. Shamburger

RE: WELL HAYES UNIT 1 SWD
SERIAL 970427 WELL NO 002
FIELD HAYES
PARISH CALCASIEU SEC/TWN/RNG 018/11S/05W
APPL NO 000338
FOR Wk Permit - SWD

Gentlemen:

Approval is hereby granted to perform work in the above referenced well as proposed in the attached Work Permit.

Attached, for your information, are reporting requirements relating to the completion of the approved activities.

Sincerely,

Herbert Thompson, Commissioner
Office Of Conservation

James H. Welsh, Director
Injection And Mining Division

CC: Lake Charles

Attachments

OFFICE OF CONSERVATION **WORK PERMIT**

UIC DIVISION

NO. UIC 000338

SERIAL NO. 970427

WELL NAME Hayes Unit 1 SWD WELL NO. 2

SEC 18 T 11S R 5W FIELD Hayes PARISH Calcasieu

DESCRIPTION OF WORK P & A as follows: Set cement retainer at 1700'. Pump 50 sacks Class A cement below retainer. Pump 10 sacks Class A cement on top of retainer. Spot 50' Class A cement plug at surface. Cut casings off 5' below ground level and weld ½" steel plate on top.

OPERATOR Gulf Oil Corporation

ADDRESS P. O. Box 471

Columbia, MS 39429

PHONE 601 ; 736-5356

PERMIT REQUESTED BY J. C. Shamburger, Area Engineer DATE 8-22-84

SIGNATURE J. C. Shamburger

PERMIT AUTHORIZED BY James H. Welsh DATE 8-30-84

FORM UIC WP-1 SEE INSTRUCTIONS ON REVERSE SIDE REV 3/83

10 A 9:43

L.C. P.O. R.M

STATE OF LOUISIANA
OFFICE OF CONSERVATION
PLUG AND ABANDON REPORT

WELL SERIAL NO. 970427

WORK PERMIT NO. 338

DATE WORK FINISHED (MM-DD-YY) 9-4-84

Lake Charles DISTRICT

(Three Copies to be Filed with the District Office)

NOTE: This Report Will Be Returned If Not Properly Completed And Signed.

Field Hayes Parish Calcasieu Sec. 18 Twp. 11S Rge. 5W

Operator Gulf Oil Corporation CODE 2264 Well Name Hayes Unit 1 SWD Well No. 2

Total Depth 2000' Condition of Well P/A

CHECK APPROPRIATE BOX:

☐ 29 DRY HOLE

☒ 30 FORMERLY PRODUCTIVE WELL

	CASING SIZE	AMOUNT PULLED	CEMENT PLUGS			
			FROM	TO	SACKS	HOW PLACED
301	5½"	None	1690	1249	50	Pumped
302	"	None	50'	Surf	6	Pumped
303						
304						

Mud Record: Weight - Viscosity -

Remarks: Cut casings off 5' below ground level and weld ½" steel plate on top of casing.

This work was done according to the Rules and Regulations of the Office of Conservation.

Fred Spell
WITNESS

Gulf Oil Corporation
OPERATOR

(Signed) J. C. Shamburger Area Engineer
REPRESENTATIVE

Form P & A (1-78)

STATE OF LOUISIANA

OFFICE OF CONSERVATION

PLUG AND ABANDON REPORT

WELL SERIAL NO. 970427

WORK PERMIT NO. 338

DATE WORK FINISHED (MM-DD-YY) 9-4-84

Lake Charles DISTRICT

(Three Copies to be Filed with the District Office)

NOTE: This Report Will Be Returned If Not Properly Completed And Signed.

Field Hayes Parish Calcasieu Sec. 18 Twp. 11S Rge. 5W

Operator Gulf Oil Corporation CODE 2264 Well Name Hayes Unit 1 SWD Well No. 2

Total Depth 2000' Condition of Well P/A

file

CHECK APPROPRIATE BOX:

☐ 29 DRY HOLE

☒ 30 FORMERLY PRODUCTIVE WELL

	CASING SIZE	AMOUNT PULLED	CEMENT PLUGS			
			FROM	TO	SACKS	HOW PLACED
301	5½"	None	1690	1249	50	Pumped
302	"	None	50'	Surf	6	Pumped
303						
304						

Mud Record: Weight - Viscosity -

Remarks: Cut casings off 5' below ground level and weld ½" steel plate on top of casing.

This work was done according to the Rules and Regulations of the Office of Conservation.

Fred Spell
WITNESS

Gulf Oil Corporation
OPERATOR

(Signed) J. C. Shamburger Area Engineer
REPRESENTATIVE

Form P & A (1-78)

STATE OF LOUISIANA

OFFICE OF CONSERVATION

PLUG AND ABANDON REPORT

WELL SERIAL NO. 970427

WORK PERMIT NO. 338 DATE WORK FINISHED (MM-DD-YY) 9-4-84

Lake Charles DISTRICT

(Three Copies to be Filed with the District Office)

NOTE: This Report Will Be Returned If Not Properly Completed And Signed.

Field Hayes Parish Calcasieu Sec. 18 Twp. 11S Rge. 5W

Operator Gulf Oil Corporation CODE 2264 Well Name Hayes Unit 1 SWD Well No. 2

Total Depth 2000' Condition of Well P/A

CHECK APPROPRIATE BOX:

☐ 29 DRY HOLE

☒ 30 FORMERLY PRODUCTIVE WELL

	CASING SIZE	AMOUNT PULLED	CEMENT PLUGS			
			FROM	TO	SACKS	HOW PLACED
301	5½"	None	1690	1249	50	Pumped
302	"	None	50'	Surf	6	Pumped
303						
304						

Mud Record: Weight - Viscosity -

Remarks: Cut casings off 5' below ground level and weld ½" steel plate on top of casing.

This work was done according to the Rules and Regulations of the Office of Conservation.

Fred Spell
WITNESS

Gulf Oil Corporation
OPERATOR

(Signed) J. C. Shamburger Area Engineer
REPRESENTATIVE

R.M.

Form PB A (1-78)

P.C. D.O. R.M.

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO.: 970427

PRODUCING INTERVAL: Plugged & Abandoned

RESERVOIR (COMPANY SAND IDENTIFICATION): SWD

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion: NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES
- [ ] NEW WELL
- [ ] RECOMPLETION
- [X] P & A

- [ ] 31 INACTIVE DRY HOLE FUT. UTIL.
- [ ] 32 INACTIVE DRY HOLE NO FUT. UTIL.
- [ ] 36 INACTIVE WAITING ON PIPELINE
- [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT
- [ ] OIL
- [ ] GAS
- [X] OTHER

IF RECOMPLETION
- [ ] SAME RESERVOIR
- [ ] DIFFERENT RESERVOIR

DATE COMP., RECOMP., OR P & A (M D Y): 9-4-84

OPERATOR	CODE	ADDRESS
Gulf Oil Corporation	2264	P. O. Box 471, Columbia, MS 39429

WELL NAME: Hayes Unit 1 SWD

WELL NO.: 2

PARISH	SEC.	TWP.	RGE.	DATE PERMIT ISSUED
Calcasieu	18	11S	5W	8-30-84

DATE SPUDDED (M D Y)	DATE READY TO PRODUCE*	TOTAL DEPTH	PBTD.
–	–	2000'	–

GROUND ELEVATION	CASING HEAD FLANGE ELEVATION	DISTANCE FROM RKB TO CHF
–	–	–

DATE WELL TURNED INTO TANKS	SINGLE, DUAL OR TRIPLE COMPLETION?	NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION
–	–	

WAS WELL DIRECTIONALLY DRILLED?	WAS DIRECTIONAL SURVEY MADE?	WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?	DATE FILED
–	–		

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION)	DATE FILED
–	

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
101	Same as Original Completion									
102										
103										
104										
105										

TUBING SIZE:	DEPTH OF TUBING:	DEPTH OF PACKER(S):
–	–	–

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	GOR	CHOKE SIZE	PRODUCING METHOD
– BOPD	– MCF/DAY	– CF/BBL	– /64"	–

FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE	WATER PRODUCTION	BS&W
– psig	– psig	–	– BPD	– %

GRAVITY	BHP (SHUT-IN)	COMPANY REPRESENTATIVE	DATE GAUGED
– °API@60° F	– psig	–	–

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	CEMENT PLUGS TO	CEMENT PLUGS SACKS	CEMENT PLUGS HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
5½"	None	1690'	1249'	50	Pumped	9-3-84	Fred Spell
5½"	None	50'	Surf	6	Pumped	9-4-84	Fred Spell

CERTIFICATE: I, the undersigned, state: That I am employed by Gulf Oil Corp. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: J. C. Shamburger Title: Area Engineer

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc.; the well has been shut-in.

FORM WH-1 (1-78)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
338	9-3-84 to 9-4-84	Western Cmt. Co.	Set cement retainer at 1690'. Pumped 50 sacks Class A cement on top of retainer. Spotted 50' Class A cement plug at surface. Cut casing off 5' below ground level and weld ½" steel plate on top.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD: Hayes

SERIAL NO: 970427

PRODUCING INTERVAL: Plugged & Abandoned

RESERVOIR (COMPANY SAND IDENTIFICATION): SWD

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES
- [ ] WELL
- [ ] RECOMPLETION
- [x] P & A
- [ ] 31 INACTIVE DRY HOLE FUT. UTIL
- [ ] 32 INACTIVE DRY HOLE NO FUT. UTIL.
- [ ] 36 INACTIVE WAITING ON PIPELINE
- [ ] 37 INACTIVE WAITING ON MARKET

PRODUCT: [ ] OIL [ ] GAS [x] OTHER

IF RECOMPLETION: [ ] SAME RESERVOIR [ ] DIFFERENT RESERVOIR

DATE COMP., RECOMP., OR P & A (M D Y): 9-4-84

OPERATOR: Gulf Oil Corporation

CODE: 2264

ADDRESS: P. O. Box 471, Columbia, MS 39429

WELL NAME: Hayes Unit 1 SWD

WELL NO.: 2

PARISH: Calcasieu

SEC 18 TWP. 11S RGE. 5W

DATE PERMIT ISSUED: 8-30-84

DATE SPUDDED (M D Y): –

DATE READY TO PRODUCE*: –

TOTAL DEPTH: 2000'

PBTD.: –

GROUND ELEVATION: –

CASING HEAD FLANGE ELEVATION: –

DISTANCE FROM RKB TO CHF: –

DATE WELL TURNED INTO TANKS: –

SINGLE, DUAL OR TRIPLE COMPLETION?: –

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?: –

WAS DIRECTIONAL SURVEY MADE?: –

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?:

DATE FILED:

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION): –

DATE FILED:

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET FROM	DEPTH SET TO	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
1@1	Same as Original Completion									
1@2										
1@3										
1@4										
1@5										

TUBING SIZE: – DEPTH OF TUBING: – DEPTH OF PACKER(S): –

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	GOR	CHOKE SIZE	PRODUCING METHOD
– BOPD	– MCF/DAY	– CF/BBL	– /64"	–

FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE	WATER PRODUCTION	BS&W
– psig	– psig	–	– BPD	– %

GRAVITY	BHP (SHUT-IN)	COMPANY REPRESENTATIVE	DATE GAUGED
– °API@60° F	– psig	–	–

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS FROM	TO	SACKS	HOW PLACED	DATE WORK PERFORMED	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
5½"	None	1690'	1249'	50	Pumped	9-3-84	Fred Spell
5½"	None	50'	Surf	6	Pumped	9-4-84	Fred Spell

CERTIFICATE: I, the undersigned, state: That I am employed by Gulf Oil Corp. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: J. C. Schaublinger Title: Area Engineer

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc., the well has been shut-in.

FORM WH-1 (1-73)

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
338	9-3-84 to 9-4-84	Western Cmt. Co.	Set cement retainer at 1690'. Pumped 50 sacks Class A cement on top of retainer. Spotted 50' Class A cement plug at surface. Cut casing off 5' below ground level and weld ½" steel plate on top.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

UNDERGROUND INJECTION CONTROL
84 SEP 10 P2:38
OFFICE OF CONSERVATION

Annual Salt Water Disposal Well Reports

LOUISIANA GEOLOGICAL SURVEY
Salt Water Disposal Well Data

Date Approved: 10-4-77 Serial No.: New Well

Field: Hayes Parish: Calcasieu

Operator and Well Name: Gulf Energy & Min. Co.
Hayes Unit 1 SWD # 2

Sec. 18 Twp 11S Rge 5W Location:
- Perf after Log -

Disposal Perf.: Brack Base Fresh Water: ±1000'

New Well [X] Workover [ ] Bot. Surf. Csg.: —
Total Depth: 2000'

Workover Well Only (Previous Status): Oil ___ Gas ___ Other ___

Producing and/or Disposal Perforations:

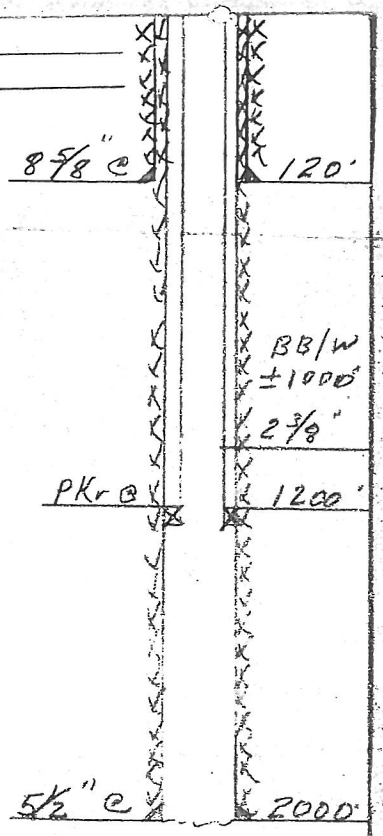
Remarks: Vol = 740 B/D

SW INJ

77

78 0

79 40,192 350/0



LOUISIANA GEOLOGICAL SURVEY
BOX G, UNIVERSITY STATION
BATON ROUGE, LOUISIANA 70803

OPERATOR Gulf Oil Corporation

ADDRESS P.O. Box 51327 OCS
Lafayette, Louisiana 70505

Signed [signature] 1-20-78
Company Representative Date
J. C. Harris, Area Financial Director

SALT WATER DISPOSAL WELL REPORT
CALENDAR YEAR 1977

LAKE CHARLES CONSERVATION DEPARTMENT

Sheet 1 of 4

Field and Parish	SWD Well Name & Number	Serial Number or Work Permit Number	Location Sec.	Location T.	Location R.	Disposal Perforations	Injection Press. Max.	Injection Press. Min.	Salt Water Injected Annually (BBLS)
S. Bell City Field	Lavoi SWD #1	WPN LC #6	9	11S	6W	1714-1740'	Pump 400#		878,795
Calcasieu Parish									
Edgerly Field	Krause & Managan F SWD #2	S.N. 44697	17	9S	11W	2599-2629'			0-T.A.
Calcasieu Parish									
Hayes Field	Hayes Unit SWD #1	W.N. 65938	18	11S	5W	1500-1585'	Pump 600#		297,392
Jeff. Davis & Calcasieu Parishes	Hayes Unit SWD #2	S.N. 867-77	18	11S	5W	1888-1908'	Pump 600#		0

DISPOSITION OF PRODUCED SALT WATER (BBLS) FOR PRECEDING YEAR

Field	Operator's Salt Water Produced -- Total Field	Disposition of Produced Salt Water: To Disposal Wells	To Pits	To Streams & Rivers	To Non-Potable Water Bodies
S. Bell City	Gulf Oil Corp. - 878,795	878,795			
Edgerly	Gulf Oil Corp. - 13,821		13,821		
Hayes - Unit	Gulf Oil Corp. - 297,392	297,392			

Please complete and file this report as soon after the first of the year as possible.

AS PER PARAGRAPH 10 OF AMENDED LOUISIANA DEPARTMENT OF CONSERVATION ORDER 29-B, SECTION XV, DATED OCTOBER 19, 1967, WE ARE REQUESTING THAT YOU COMPLETE AND RETURN THIS FORM TO THE LOUISIANA GEOLOGICAL SURVEY, AND A COPY TO THE APPROPRIATE DISTRICT MANAGER. IN THE EVENT YOU DO NOT HAVE SALT WATER DISPOSAL WELLS CURRENTLY IN OPERATION, YOU ARE REQUESTED TO COMPLETE THE DISPOSITION OF PRODUCED SALT WATER PORTION OF THE FORM.

LOUISIANA GEOLOGICAL SURVEY
BOX G, UNIVERSITY STATION
BATON ROUGE, LOUISIANA 70803

OPERATOR Gulf Oil Corporation

ADDRESS P.O. Box 51327 OCS
Lafayette, Louisiana 70505

Signed
Company Representative — Date
V. T. Jones, Jr., Area Prod. Manager

SALT WATER DISPOSAL WELL REPORT
CALENDAR YEAR 1978

LAKE CHARLES CONSERVATION DEPARMTNET

Sheet #3 of 4

Field and Parish	SWD Well Name & Number	Serial Number or Work Permit Number	Location Sec.	Location T.	Location R.	Disposal Perforations	Injection Press. Max.	Injection Press. Min.	Salt Water Injected Annually (BBLS)
S. Bell City Field	Lavoi SWD #1	WPN LC #6	9	11S	6W	1714-1740'	Pump 400#		658,027
Calcasieu Parish									
Edgerly Field	Krause & Managan F SWD #2	S.N. 44697	17	9S	11W	2599-2629			0-T.A.
Calcasieu Parish									
Hayes Field	Hayes Unit SWD #1	S.N. 65938	18	11S	5W	1500-1585'	Pump 600#		271,859
Jeff. Davis & Calcasieu Ph.	Hayes Unit SWD #2	S.N. 867-77	18	11S	5W	1888-1908'	Pump 600#		0

DISPOSITION OF PRODUCED SALT WATER (BBLS) FOR PRECEDING YEAR

Field	Operator's Salt Water Produced -- Total Field	Disposition of Produced Salt Water: To Disposal Wells	To Pits	To Streams & Rivers	To Non Potable Water Bodies
S. Bell City	Gulf Oil Corp. - 658,027	658,027			
Edgerly	Gulf Oil Corp. - 4,634		4,634		
Hayes - Unit	Gulf Oil Corp. - 271,859	271,859			

Please complete and file this report as soon after the first of the year as possible.

AS PER PARAGRAPH 10 OF AMENDED LOUISIANA DEPARTMENT OF CONSERVATION ORDER 29-B, SECTION XV, DATED OCTOBER 19, 1967, WE ARE REQUESTING THAT YOU COMPLETE AND RETURN THIS FORM TO THE LOUISIANA GEOLOGICAL SURVEY, AND A COPY TO THE APPROPRIATE DISTRICT MANAGER. IN THE EVENT YOU DO NOT HAVE SALT WATER DISPOSAL WELLS CURRENTLY IN OPERATION, YOU ARE REQUESTED TO COMPLETE THE DISPOSITION OF PRODUCED SALT WATER PORTION OF THE FORM.

DEPARTMENT OF CONSERVATION
GEOLOGICAL OIL & GAS DIVISION
P. O. BOX 44006 - CAP. STA.
BATON ROUGE, LA. 70804

OPERATOR Gulf Oil Corporation

ADDRESS P. O. Box 51327 OCS
Lafayette, LA 70505

Signed [signature] 1-24-80
Company Representative Area Engineer — Date

SALT WATER DISPOSAL WELL REPORT
CALENDAR YEAR 1979

Lake Charles Conservation Department Sheet #3 of 5

Field and Parish	SWD Well Name & Number	Serial Number or Work Permit Number	Location Sec.	Location T.	Location R.	Disposal Perforations	Injection Press. Max.	Injection Press. Min.	Salt Water Injected Annually (BBLS)
S. Bell City Field	Lavoi SWD #1	WPN LC #6	9	11S	6W	1714-1740'	400	0	628,903
Calcasieu Parish									
Edgerly Field	Krause & Managan F SWD #2	S.N. 44697	17	9S	11W	2599-2629'			O-T. A.
Calcasieu Parish									
Hayes Field	Hayes Unit SWD #1	S.N. 65938	18	11S	5W	1500'-1585'			0
Jeff. Davis & Calcasieu Ph.	Hayes Unit SWD #2	S.N. 867-77	18	11S	5W	1888-1908'	350	0	40,192

DISPOSITION OF PRODUCED SALT WATER (BBLS) FOR CALENDAR YEAR 1979

Field	Operator's Salt Water Produced -- Total Field	Disposition of Produced Salt Water: To Disposal Wells	To Pits	To Streams & Rivers	To Non-Potable Water Bodies
S. Bell City	Gulf Oil Corp. 628,903	628,903			
Edgerly	Gulf Oil Corp. 3,294		3,294		
Hayes - Unit	Gulf Oil Corp. 40,192	40,192			

Please complete and file this report as soon after the first of the year as possible.

AS PER PARAGRAPH 10 OF AMENDED LOUISIANA DEPARTMENT OF CONSERVATION ORDER 29-B, SECTION XV, DATED OCTOBER 19, 1967, WE ARE REQUESTING THAT YOU COMPLETE AND RETURN THIS FORM TO GEOLOGICAL OIL & GAS DIVISION, AND A COPY TO THE APPROPRIATE DISTRICT MANAGER. IN THE EVENT YOU DO NOT HAVE SALT WATER DISPOSAL WELLS CURRENTLY IN OPERATION, YOU ARE REQUESTED TO COMPLETE THE DISPOSITION OF PRODUCED SALT WATER PORTION OF THE FORM.

FILED WITH: ✓ GEOLOGICAL OIL & GAS DIVISION

____ APPROPRIATE DISTRICT OFFICE

O. W. Salyer

(INSTRUCTIONS - SEE REVERSE SIDE)

SWD-1R-1

DEPARTMENT OF CONSERVATION
GEOLOGICAL OIL & GAS DIVISION
P. O. BOX 44006 - CAP. STA.
BATON ROUGE, LA. 70804

OPERATOR Gulf Oil Corporation
ADDRESS P. O. Box 51327 OCS
Lafayette, LA 70505
Signed H S Sealy 1-23-81
Company Representative Date
Area Engineer

SALT WATER DISPOSAL WELL REPORT
CALENDAR YEAR 1980

Lake Charles Conservation Department Sheet #3 of 5

Field and Parish	SWD Well Name & Number	Serial Number or Work Permit Number	Location Sec.	Location T.	Location R.	Disposal Perforations	Injection Press. Max.	Injection Press. Min.	Salt Water Injected Annually (BBLS)
S. Bell City Field	Lavoi SWD #1	WPN LC #6	9	11S	6W	1714-1740'	400	0	335,015
Calcasieu Parish									
Edgerly Field	Krause & Managan F SWD #2	S.N. 44697	17	9S	11W	2599-2629'			O-T. A.
Calcasieu Parish									
Hayes Field	Hayes Unit SWD #1	S.N. 65938	18	11S	5W	1500'-1585'			0
Jeff. Davis & Calcasieu Pa.	Hayes Unit SWD #2	S.N. 867-77	18	11S	5W	1888-1908'	350	0	16,598

DISPOSITION OF PRODUCED SALT WATER (BBLS) FOR CALENDAR YEAR 1980

Field	Operator's Salt Water Produced -- Total Field	Disposition of Produced Salt Water: To Disposal Wells	To Pits	To Streams & Rivers	To Non-Potable Water Bodies
S. Bell City	Gulf Oil Corp. 335,015	335,015			
Edgerly	Gulf Oil Corp. 2,812		2,812		
Hayes - Unit	Gulf Oil Corp. 16,598	16,598			

Please complete and file this report as soon after the first of the year as possible.

AS PER PARAGRAPH 10 OF AMENDED LOUISIANA DEPARTMENT OF CONSERVATION ORDER 29-B, SECTION XV, DATED OCTOBER 19, 1967, WE ARE REQUESTING THAT YOU COMPLETE AND RETURN THIS FORM TO GEOLOGICAL OIL & GAS DIVISION, AND A COPY TO THE APPROPRIATE DISTRICT MANAGER. IN THE EVENT YOU DO NOT HAVE SALT WATER DISPOSAL WELLS CURRENTLY IN OPERATION, YOU ARE REQUESTED TO COMPLETE THE DISPOSITION OF PRODUCED SALT WATER PORTION OF THE FORM.

FILED WITH: ____ GEOLOGICAL OIL & GAS DIVISION

____ APPROPRIATE DISTRICT OFFICE

O. W. Salyer

(INSTRUCTIONS - SEE REVERSE SIDE)

SWD-IR-1

cp

DEPARTMENT OF CONSERVATION
GEOLOGICAL OIL & GAS DIVISION
P. O. BOX 44006 - CAP. STA.
BATON ROUGE, LA. 70804

OPERATOR Gulf Oil Corporation

ADDRESS P. O. Box 51327 OCS
Lafayette, LA 70505

Signed [signature] 2-2-82
Company Representative Date
Area Engineer

SALT WATER DISPOSAL WELL REPORT
CALENDAR YEAR 1981

Lake Charles Conservation Department Sheet #3 of 5

Field and Parish	SWD Well Name & Number	Serial Number or Work Permit Number	Location Sec.	Location T.	Location R.	Disposal Perforations	Injection Press. Max.	Injection Press. Min.	Salt Water Injected Annually (BBLS)
S. Bell City Field	Lavoi SWD #1	WPN LC #6	9	11S	6W	1500'-1740'	330	---	350, 193
Calcasieu Parish									
Edgerly Field	Krause & Managan F SWD #2	S.N. 44697	17	9S	11W	2534'-2560'	---		Inactive
Calcasieu Parish									
Jeff. Davis & Calcasieu Ph.	Hayes Unit SWD #2	S.N. 867-77	18	11S	5W	1888-1908'	200		9,574

DISPOSITION OF PRODUCED SALT WATER (BBLS) FOR CALENDAR YEAR 1981

Field	Operator's Salt Water Produced -- Total Field	Disposition of Produced Salt Water: To Disposal Wells	To Pits	To Streams & Rivers	To Non-Potable Water Bodies
S. Bell City	Gulf Oil Corp. 350,193	350,193			
Edgerly	Gulf Oil Corp. 3,150		3,150		
Hayes - Unit	Gulf Oil Corp. 9,574	9,574			

Please complete and file this report as soon after the first of the year as possible.

AS PER PARAGRAPH 10 OF AMENDED LOUISIANA DEPARTMENT OF CONSERVATION ORDER 29-B, SECTION XV, DATED OCTOBER 19, 1967, WE ARE REQUESTING THAT YOU COMPLETE AND RETURN THIS FORM TO GEOLOGICAL OIL & GAS DIVISION, AND A COPY TO THE APPROPRIATE DISTRICT MANAGER. IN THE EVENT YOU DO NOT HAVE SALT WATER DISPOSAL WELLS CURRENTLY IN OPERATION, YOU ARE REQUESTED TO COMPLETE THE DISPOSITION OF PRODUCED SALT WATER PORTION OF THE FORM.

FILED WITH: ____ GEOLOGICAL OIL & GAS DIVISION

____ APPROPRIATE DISTRICT OFFICE

(INSTRUCTIONS - SEE REVERSE SIDE)

F.H. Dempsey

SWD-1R-1

DEPARTMENT OF CONSERVATION
GEOLOGICAL OIL & GAS DIVISION
P. O. BOX 44006 - CAP. STA.
BATON ROUGE, LA. 70804

OPERATOR Gulf Oil Corportion (2264)
ADDRESS P. O. Box 471
Columbia, MS 39429
Signed J. C. Shamburger 2-25-83
Company Representative Date
Area Engineer

SALT WATER DISPOSAL WELL REPORT
CALENDAR YEAR 82

Lake Charles Conservation Department Sheet #3 of 5

Field and Parish	SWD Well Name & Number	Serial Number or Work Permit Number	Location Sec.	T.	R.	Disposal Perforations	Injection Press. Max.	Min.	Salt Water Injected Annually (BBLS)
S. Bell City Field	Lavoi SWD #1	~~WPN LC #6~~ #970426	9	11S	6W	1550'-1740'	350	275	90,154 ✓
Calcasieu Parish									
Edgerly Field	Krause & Managan F SWD #2	S.N. ~~44697~~ 38553	17	9S	11W	2534'-2560'			Inactive ✓
Calcasieu Parish									
Hayes Field		#970427							
Jeff. Davis & Calcasieu Ph.	Hayes Unit SWD #2	S.N. ~~867-77~~	18	11S	5W	1888-1908'	190		3,627 ✓

DISPOSITION OF PRODUCED SALT WATER (BBLS) FOR CALENDAR YEAR _____

Field	Operator's Salt Water Produced -- Total Field	Disposition of Produced Salt Water: To Disposal Wells	To Pits	To Streams & Rivers	To Non-Potable Water Bodies
S. Bell City	Gulf Oil Corp. 90,154	90,154			
Edgerly	Gulf Oil Corp. 2,814		2,814		
Hayes - Unit	Gulf Oil Corp. 3,627	3,627			

Please complete and file this report as soon after the first of the year as possible.

AS PER PARAGRAPH 10 OF AMENDED LOUISIANA DEPARTMENT OF CONSERVATION ORDER 29-B, SECTION XV, DATED OCTOBER 19, 1967, WE ARE REQUESTING THAT YOU COMPLETE AND RETURN THIS FORM TO GEOLOGICAL OIL & GAS DIVISION, AND A COPY TO THE APPROPRIATE DISTRICT MANAGER. IN THE EVENT YOU DO NOT HAVE SALT WATER DISPOSAL WELLS CURRENTLY IN OPERATION, YOU ARE REQUESTED TO COMPLETE THE DISPOSITION OF PRODUCED SALT WATER PORTION OF THE FORM.

FILED WITH: ____ GEOLOGICAL OIL & GAS DIVISION

____ APPROPRIATE DISTRICT OFFICE

(INSTRUCTIONS - SEE REVERSE SIDE)

F.H. Dempsey

SWD-1R-1

POSTED

DEPARTMENT OF CONSERVATION
GEOLOGICAL OIL & GAS DIVISION
P. O. BOX 44006 - CAP. STA.
BATON ROUGE, LA. 70804

OPERATOR Gulf Oil Corporation (2264)
ADDRESS P. O. Box 471
Columbia, MS 39429
Signed J. C. Shamburger 2-25-83
Company Representative Date
Area Engineer

SALT WATER DISPOSAL WELL REPORT
CALENDAR YEAR 82

Lake Charles Conservation Department Sheet #3 of 5

Field and Parish	SWD Well Name & Number	Serial Number or Work Permit Number	Location Sec.	Location T.	Location R.	Disposal Perforations	Injection Press. Max.	Injection Press. Min.	Salt Water Injected Annually (BBLS)
S. Bell City Field	Lavoi SWD #1	~~WPN-LC #6~~ #170426	9	11S	6W	1550'-1740'	350	275	90,154 ✓
Calcasieu Parish									
Edgerly Field	Krause & Managan F SWD #2	S.N. ~~44697~~ 38333	17	9S	11W	2534'-2560'			Inactive ✓
Calcasieu Parish									
Hayes Field		#197027							
Jeff. Davis & Calcasieu Ph.	Hayes Unit SWD #2	S.N. ~~367-77~~	18	11S	5W	1888-1908'	190		3,627 ✓

DISPOSITION OF PRODUCED SALT WATER (BBLS) FOR CALENDAR YEAR _____

Field	Operator's Salt Water Produced -- Total Field	Disposition of Produced Salt Water: To Disposal Wells	To Pits	To Streams & Rivers	To Non-Potable Water Bodies
S. Bell City	Gulf Oil Corp. 90,154	90,154			
Edgerly	Gulf Oil Corp. 2,814		2,814		
Hayes - Unit	Gulf Oil Corp. 3,627	3,627			

Please complete and file this report as soon after the first of the year as possible.

AS PER PARAGRAPH 10 OF AMENDED LOUISIANA DEPARTMENT OF CONSERVATION ORDER 29-B, SECTION XV, DATED OCTOBER 19, 1967, WE ARE REQUESTING THAT YOU COMPLETE AND RETURN THIS FORM TO GEOLOGICAL OIL & GAS DIVISION, AND A COPY TO THE APPROPRIATE DISTRICT MANAGER. IN THE EVENT YOU DO NOT HAVE SALT WATER DISPOSAL WELLS CURRENTLY IN OPERATION, YOU ARE REQUESTED TO COMPLETE THE DISPOSITION OF PRODUCED SALT WATER PORTION OF THE FORM.

FILED WITH: _____ GEOLOGICAL OIL & GAS DIVISION

_____ APPROPRIATE DISTRICT OFFICE

(INSTRUCTIONS - SEE REVERSE SIDE)

SWD-1R-1

F.H. Dempsey

POSTED

LOUISIANA OFFICE OF CONSERVATION
SALTWATER DISPOSAL WELL REPORT

(Please type or print)

for Year 19 83

Page ___ of ___

Complete this report for each Class II saltwater disposal well you operate, including annular disposal in producing wells. See instructions on back.

1. Operator's Name and Address Gulf Oil Exploration & Production Co. P. O. Box 471 Columbia, MS 39429			Operator Code 2264
2. Disposal Well Name & Number Hayes Unit 1 SWD #2			3. Serial No. ~~067-77~~ #970427
4. Field Hayes 4439	Sec. 18	Twp. 11S	Rge. 5W	5. Parish Jeff Davis & Calcasieu
6. Disposal interval(s) 1888-1908	7. Injection through: ☐ Casing; ☐ Tubing w/o packer; ☒ Tubing with packer--give packer depth:			

8.A. SOURCE OF PRODUCED SALTWATER AND TOTAL VOLUME FOR THE YEAR:

Operator	Well, Lease, or Unit Name	LUW Code	Volume for year (bbls)
Gulf Oil Corp.	VUA Hayes Unit 1 #7	128241	

8.B. IDENTIFY OTHER SOURCES AND TOTAL VOLUME FOR THE YEAR:

(continue 8.A. or 8.B. on back)

SOURCE TOTAL 146,412

9. MONTHLY INJECTION RECORD (write "Inactive" for each month well not used):

	Injection Pressure (psi)		Annulus Pressure (psi)		Injection Rate (gallons per minute)		Volume Injected (bbls)
	Average	Maximum	Minimum	Maximum	Average	Maximum	
Jan							372
Feb							15,636
Mar							19,344
Apr							7,488
May							15,540
Jun							6,468
Jul							18,228
Aug							22,636
Sep							19,980
Oct							18,500
Nov							740
Dec							1,480

DISPOSAL TOTAL 146,412

Completed by: Shirley Broome (type or print name) 601-736-5356 (phone)

Shirley Broome (signature) 3-26-84 (date)

Form: SWD-1R-2 (Rev 12/83)

INSTRUCTIONS

THIS FORM MUST BE COMPLETED FOR EACH CLASS II SALTWATER DISPOSAL WELL. This includes disposal for:

a. Saltwater brought to the surface with oil or gas production;
b. Waste waters from gas plants which are an integral part of production operations (unless those waters are classified as hazardous waste).

This does not include Class II fluids injected for enhanced recovery or salt-dome storage.

Notes:

8.A.&B.--Each source of fluid injected into this well must be accounted for in 8.A. or 8.B. Fluids transported by manifest (Oil Field Waste Shipping Control Ticket) may be lumped together into one 'source' under 8.B. and identified as, "Transported by manifest".

8.A.--Complete this section for produced saltwater (a. above).
--The "LUW Code" is the 'Lease-Unit-Well Code' or 'Well Name Code Number' assigned to producing wells. This is the same number that appears in the second column of the R-1 and R-5-P forms used to report oil and gas production (or the 'Well Serial Number' in the fourth column of the R-5-P in the case of lease gas wells). In other words, the source of saltwater should be grouped and reported by the same code numbers used to report oil and gas production. If two or more disposal wells are used by the operator within the lease or unit, prorate the portion going to each disposal well (the LUW Codes would be duplicated on each SWD-1R-2 in this case).
--If the well is an annular disposal producing well, the 'Well, Lease, or Unit Name' will be the same as the Disposal Well Name & Number in 2. and the 'LUW Code' will be the Serial No. in 3. (for that portion of water coming from the producing well).

8.B.--Complete this section for gas plant waste waters (b. above) and any other fluids not reported in 8.A. (do not include Class II fluids injected for enhanced recovery or salt-dome storage).

9.--"Injection" and "Annulus" Pressures refer to pressure measured at the wellhead.
--Note that minimum annulus pressure, rather than average pressure, is requested.
--Annulus pressure does not have to be reported if an annular pressure test is performed. Attach the results of any such test.

Return the completed form during the first three months of the year following the reporting period to:

Office of Conservation
Injection and Mining Division
P.O. Box 44275
Baton Rouge, LA 70804-4275

8.A. and/or 8.B. continued:

	Volume for year

Chevron U.S.A. Inc.
P. O. Box 51743, Lafayette, LA. 70505

December 30, 1985

1984 Annual Saltwater
Disposal Well Report

#970487

State of Louisiana
Department of Natural Resources
P. O. Box 94275
Baton Rouge, LA 70804-9275

Attention: Ms. Rosile Miles

Dear Ms. Miles:

As per your conversation with Mr. J. A. Andres on December 27, 1985, please find the following 1984 Annual Saltwater Disposal Well reports on the following wells:

Serial	Well Name	Well No.	Field
108206	WMD Lee Fee A SWD	003	Welsh
970612	Krotz Springs U Waste Water Disp.	001	Krotz Springs

See LETTER ATTACHED

The W. H. Wadkins SWD No. 004 (Serial 00554); Caddo Pine Island is in our Southern Region - Houston Division. The Division may be contacted by writing to Mr. J. G. Fitzgerald, Chevron U.S.A. Inc., P. O. Box 36366, Houston, TX. We will notify the Houston Division of your request.

The following wells are in our Eastern Region, Southeast Division:

Serial	Well Name	Well No.	Field
027649	Delta Securities Co. Inc. SWD	001	Bayou Couba
032929	Delta Sec. Co. Inc. SWD	024	Bayou Couba
037319	Delta Sec. Co. Inc. SWD	030	Bayou Couba

See letter attached

We will notify the Southeast Division of your request. The Division may be contacted by writing to Mr. O. J. Hebert, Chevron U.S.A. Inc., 1515 Poydras, New Orleans, LA 70112.

The Gardiner & Noble Fee B No. 001 (Serial 114350); Vinton Field was on standby service in 1984.

The E. E. Jeffers No. 002 (Serial 077380); Crowley Field was plugged by Harrison and Gilger on 4/22/66 and was acquired by Gulf on 4/12/67. Later Gulf plugged and abandoned the well but no P&A report was filed. Attached is a P&A report filed by Chevron U.S.A. Inc., the Present Operator, dated December 27, 1985 for Gulf Oil Corp.

The Turner Lumber Co. No. 001 (Serial 970609); Moncrief Field is operated by Moncrief Oil Company and has been operated by Moncrief since 1983. We will advise Moncrief of your request. Moncrief may be contacted by writing to W. A. Moncrief, Moncrief Building, Ninth & Commerce, Forth Worth, TX 76102.

The following wells were plugged and abandoned:

Serial	Well Name	Well No.	Field	Date P&A
✓014445	Lutcher & Moore SWD	003	Starks	01/02/84
✓065281	Lutcher & Moore SWD	005	Starks	02/17/84
*074091	Dr. Charles Wright SWD	001	Mermentau, South	07/20/84
970426 **~~974028~~	Lavoi SWD	001	Bell City, South	01/18/84
970427	Hayes Unit 1 SWD	002	Hayes	12/17/83 need report P&A 9-4-84

P&A reports on the above wells are also enclosed.

The Krause & Managan Lumber Co. F No. 002 (Serial 038553); Edgerly Field was inactive in 1984 and well was plugged 11/17/85.

If we can be of further service, please feel free to call on us.

Yours very truly,

R. H. Darlington
Staff Production Engineer

JAA/irg

Attachment

*Inactive from 1/1/84 to 7/20/84
**Inactive from 1/1/84 to 1/18/84

3A1496

EDWIN W. EDWARDS
GOVERNOR
B. JIM PORTER
SECRETARY

DEPARTMENT OF NATURAL RESOURCES

OFFICE OF CONSERVATION

HERBERT W. THOMPSON
ASSISTANT SECRETARY
AND
COMMISSIONER

January 7, 1986

Chevron USA Inc.
P. O. Box 51743
Lafayette, LA 70505

Attention R. H. Darlington

Gentlemen:

Thank you for your letter dated December 30, 1985, in reply to our request for Annual Saltwater Disposal Well Reports for Calendar Year 1984.

Your letter indicated that the following:

Serial #014445	Lutcher & Moore SWD Well #3	Starks Field	P&A 1/2/84
Serial #065281	Lutcher & Moore SWD Well #5	Starks Field	P&A 2/17/84
Serial #970427	Hayes Unit 1 SWD Well #2	Hayes	P&A 12/17/83

Your letter did not indicate if any salt water was injected into the wells in Starks Field. Please furnish us with this information. Also, your letter indicated that the well in Hayes Field was plugged and abandoned on 12/17/83. The Plug & Abandon report submitted with this letter indicated that the well was plugged and abandoned on September 4, 1984. Please furnish us with an Annual Saltwater Disposal Well Report for 1984 or advise if the well was not used during 1984.

Thank you for your cooperation.

Yours very truly,

HERBERT W. THOMPSON, Commissioner
Office of Conservation

James H. Welsh

James H. Welsh, Director
Injection & Mining Division

RM:lg

ANNUAL SALTWATER DISPOSAL WELL REPORT
FOR CALENDAR YEAR 1984

LOUISIANA OFFICE OF CONSERVATION
INJECTION AND MINING DIVISION

Trans: 2

COMPLETE THIS REPORT FOR EACH CLASS II SALTWATER DISPOSAL WELL YOU OPERATE, INCLUDING ANNULAR DISPOSAL IN PRODUCING WELLS. (NOTE: SEE INSTRUCTIONS ON BACK)

1. Operator Name and Address Gulf Oil Corporation c/o Chevron U.S.A., Inc. P. O. Box 51743 Lafayette, LA 70505	Operator Code	2264
2. Disposal Well Name and Number Hayes Unit 1 SWD #2	Serial No.	970427
3. Field Name Hayes	Field Code	4439

Sec	Twn	Rge
18	11S	5W

4. Source and Volume of Injected Fluids:
A. Produced Salt Water:

(01) Operator Name	Oper Code	Lease; Unit; Well Name (1) (2) (3)	LUW Type	LUW Code	Vol for YR (BBLS)
Gulf	0000 ~~2264~~	Inactive	0	000000	0
					~~0~~
					~~0~~
		P&A 9-4-84			~~0~~
					~~0~~
					~~0~~
					~~0~~
					~~0~~
					~~0~~
					~~0~~
					~~0~~
					~~0~~
					~~0~~
					~~0~~
(02) B. Total "Other" Volume for Year (Identify Sources On Back)....					0
(03) C. **TOTAL VOLUME for YEAR (Source Total)**.....					0

Completed by Junius Andres (type or print) 318 / 269 - 8651 (phone)

(signature) Staff Prod Eng 1/20/86 (date)

Form UIC-10 (11/84) (Replaces Form SWD-1R-2)

2A10210/3

INSTRUCTIONS

1. THIS FORM MUST BE COMPLETED FOR EACH CLASS II SALTWATER DISPOSAL WELL. This includes wells used for disposal of:

   A. Salt water brought to the surface with oil and gas production; and
   B. Waste water from gas plants which are an integral part of production operations, unless those waters are classified as hazardous waste.

2. Fluids injected for enhanced recovery of hydrocarbons or in connection with salt dome storage of hydrocarbons are not to be reported on this form.

3. Each source of fluid injected into this disposal well must be accounted for in 4(A) or 4(B). Fluids transported by manifest (Oil Field Waste Shipping Control Ticket) may be lumped together into one "source" under 4(B) and identified as "Transported by Manifest".

4. Source and Volume of Injected Fluids For the Year

   A. Complete section 4(A) for sources of PRODUCED WATER only as follows:

      1. Enter the operator name and the 4 digit operator code. This is the same operator code as used on the R-1 and R-5-P production reports.

      2. The "LUW Code" is the "Lease-Unit-Well Code" or "Well Name Code Number"assigned to producing wells. This is the same number that appears in the second column of the R-1 and R-5-P forms used to report oil and gas production (or the "Well Serial Number" in the fourth column of the R-5-P in the case of lease gas wells). In other words, the source of salt water should be grouped and reported by the same code numbers used to report oil and gas production. If two or more disposal wells are used by the operator within the lease or unit, prorate the portion going to each disposal well (the LUW Codes would be duplicated on each form in this case).

      3. If the well is an annular disposal well, The "Well, Lease, or Unit Name" will be the same as the Disposal Well Name in section 2 and the "LUW Code" will be the Serial No. required in section 2 for the portion of the water coming from the producing well.

      4. Enter the LUW type code (1=Lease; 2=Unit; 3=Well) in the appropriate space.

   B. List in 4(B) below ["Other" Sources], sources and volume of injected fluids such as gas plant waste water, manifested salt water, or any other fluids not reported in 4(A). Enter the total volume of other sources in the appropriate space on the front page of this form.

5. Return the completed form to the following address by MARCH 31, 1985.

Office of Conservation
Injection and Mining Division
P. O. Box 44275
Baton Rouge, Louisiana 70804-4275

4(B) "Other" Sources	Volume for Year (BBLS)
TOTAL "OTHER" SOURCES	

7-P