

FACT SHEET

Applicant: RIVER PARISH SEQUESTRATION, LLC
1333 West Loop South, Suite 830
Houston, TX 77027
(832) 696-0052

Project Proposal: Permit to drill one Class V Stratigraphic Test Well

Type of Facility: N/A

Well Names: Palo Alto RPN-S #1 Well No. 001

Project Location: Section 23, Township 11 South, Range 13 East, of Ascension Parish

Facility Local Address: N/A

Application No.: 43669

Docket No.: IMD 2023-01

Project Summary: The following information is prepared according to the requirements of Statewide Order No. 29-N-1, (LAC 43:XVII, Subpart 1) to briefly set forth the principal facts and significant policy questions considered in preparing a draft permit concerning an application by River Parish Sequestration, LLC (River Parish Sequestration) to drill one Class V stratigraphic test well in Ascension Parish, Louisiana.

The application is for the drilling of one proposed Class V stratigraphic test well. The total depth of the well is at a depth of approximately 11,330 feet below ground level.

The acquisition of geotechnical data is proposed to occur in the drilling of this well. No disposal of waste via injection will occur.

General Information: River Parish Sequestration proposes to collect geotechnical cores, fluid samples, static pressure measurements, and other applicable information.

The base of the lowermost underground source of drinking water (USDW) is approximately 1,200 feet below ground level. There are four (4) registered water wells located within a one mile radius of the proposed well location. The principal regional aquifers in the area comprise of the confined Mississippi River Alluvial Aquifer and the confined Norco Aquifer below.

The complete application consists of the application form (Form UIC-25 Stratigraphic Test); technical attachments describing the geology, hydrology, construction, completion, and financial responsibility estimate.

The draft permit conditions were based on applicable rules and regulations as set forth in Statewide Order No. 29-N-1 (LAC: 43:XVII, Subpart 1) as amended. Such rules provide for the protection and non-endangerment of USDW regarding the permitting, drilling, completing, operating and maintaining of Classes I (nonhazardous waste), III, IV, and V injection well operations in the State of Louisiana.

Application Locations: An application package is available for inspection at the Louisiana Office of Conservation, Injection and Mining Division, LaSalle Building, 617 North Third Street, Room 817, Baton Rouge, LA 70802 from 8:00 am until 4:30 pm, Monday through Friday. To view, please ask for the River Parish Sequestration Class V Permit Application identified at the beginning of this document. The application package is also available at the Louisiana Department of Natural Resources, Office of Conservation website.

For information regarding the public hearing or any information concerning the application, refer to the Public Notice for Docket No. IMD 2023-01, or call Laura Sorey at (225) 342-5581, Monday through Friday, between the hours of 8:00 a.m. to 4:30 p.m.

Comment Period: The public comment period officially commences January 26, 2023, at 8:00 a.m. and concludes February 28, 2023, at 4:30 p.m. Submit all comments in writing to Laura Sorey, Louisiana Office of Conservation, Injection and Mining Division, 617 N. 3rd St, Baton Rouge, LA 70802. Comments may also be e-mailed to laura.sorey@la.gov. Please reference River Parish Sequestration Class V Permit, Application Number 43669, Docket No. IMD 2023-01.

Public Hearing: The public hearing will be held February 27, 2023, 6:00 pm at the LaBelle Hearing Room, 1st Floor, LaSalle Building, 617 North 3rd St, Baton Rouge, LA 70802.

_____, 2023

MARK JONES
RIVER PARISH SEQUESTRATION, LLC (R1017)
1333 WEST LOOP SOUTH, SUITE 830
HOUSTON, TX 77027

***** APPROVAL TO CONSTRUCT *****

RE: STRATIGRAPHIC TEST WELL – NEW
WELL: PALO ALTO RPN-S#1 NO. 1
FIELD: WILDCAT-SO LA LAFAYETTE DIST
PARISH: ASCENSION

APPLICATION NO. 43669
SERIAL NO. _____
API NO. _____
SEC/TWN/RNG: 25/11S/13E

Mr. Jones:

The application by River Parish Sequestration, LLC (R1017) to drill a Class V stratigraphic test well has met the interim requirements for permitting such a well. You are hereby granted approval to perform the work as described in the application. The approved work must be completed by .

River Parish Sequestration, LLC is to notify the Conservation Enforcement Specialist (CES) for Ascension Parish, Seth Henderson at 225-342-5515, Monday through Friday, or by calling the Injection and Mining Division at (225) 342-5515 at least 72 hours prior to commencement of work.

Within twenty (20) days after completion of the work, submit the documentation requested in the enclosed Reporting Requirements to the Injection and Mining Division. PLEASE READ THE ENCLOSURES CAREFULLY.

Please be reminded that for future work on the well, a work permit approval must be obtained from this office before repairing, stimulating, plugging, or otherwise working on this well.

Yours very truly,

Richard P. Ieyoub
Commissioner of Conservation

Stephen H. Lee, Director
Injection and Mining Division

Enclosures

*****DRAFT PERMIT No. IMD 2023-01*****



OFFICE OF CONSERVATION

IMD REPORTING REQUIREMENTS >> Class V Stratigraphic Test

Drilling and construction of the well must be completed within one (1) year from the date of the permit approval letter, otherwise, the permit will expire. **Before the expiration of the permit, the operator must notify the Injection and Mining Division (IMD) if a time extension will be requested or if well will not be drilled.**

The approved application describes how the well is to be constructed. Changes in the approved construction, such as well surface location, well depth, or casing setting depths, will require prior written approval from IMD. Failure to obtain prior written approval will be cause for revoking the permit.

At least forty-eight (48) hours prior to commencement of work, the appropriate Conservation Enforcement Specialist (CES) identified below must be contacted. If you are unable to reach the CES, please call the Injection and Mining Division at (225) 342-5515 between the hours of 8:00 a.m. and 4:30 p.m., Monday through Friday.

Application No.	<u>43669</u>	Serial No.	<u></u>
CES Name	<u>Seth Henderson</u>	CES Phone No.	<u>225-342-5515</u>

Within twenty (20) days after completion of the well, the completion documents listed below must be filed with IMD for review and approval in compliance with the regulations. Please place the well's Serial Number on the log headings.

- A Class V Well History and Work Résumé Report (Form UIC-42 STRAT TEST) with an original signature from an authorized representative of the operating company and two photocopies of the form (front and back). The Form UIC-42 can be saved, filled-out, and printed by going to www.dnr.louisiana.gov/consforms >> Injection & Mining Division >> Form UIC-42.
- Two (2) copies of the wellbore schematic depicting the completed well.
- Two (2) copies of the electric log used to identify the USDW.
- Two (2) copies of any cement bond log.

Send the above required documentation together in **ONE PACKAGE** to:

Office of Conservation- 9th Floor
Injection & Mining Division
617 North 3rd Street
Baton Rouge, LA 70802

*****DRAFT PERMIT No. IMD 2023-01*****



UIC-25 Stratigraphic Test

CLASS-V WELL PERMIT APPLICATION

Inv. No. 1258796

1. APPLICATION TYPE: (Check One) ☐ DRILL AND COMPLETE NEW CLASS-V WELL ☐ CONVERT AN EXISTING WELL TO CLASS-V ☒ OTHER (SPECIFY) Drill stratigraphic test well and plug and abandon		LOUISIANA DEPARTMENT OF NATURAL RESOURCES - OFFICE OF CONSERVATION INJECTION & MINING DIVISION Injection-Mining@la.gov (225) 342-5515	
2. IDENTIFY WELL USE Stratigraphic test well for geologic characterization; plug and abandon when finished.			
3. OWNER/OPERATOR NAME River Parish Sequestration, LLC			4. OC OPERATOR CODE R1017
5. OWNER/OPERATOR MAILING ADDRESS 1333 West Loop South, Suite 830		6. CITY, STATE, ZIP CODE Houston, TX 77027	
7. TELEPHONE NO (832) 696-0052	8. E-MAIL ADDRESS andrew.chartrand@blueskyinfrastructure.com		
9. WELL NAME Palo Alto RPN-S #1	10. WELL NO 1	11. WELL SERIAL NO (Well Conversions Only)	
12. FIELD NAME (if known) WILDCAT-SO LA LAFAYETTE DIST			13. FIELD CODE (if known)
14. PARISH NAME Ascension		15. SECTION 25	16. TOWNSHIP T-11-S
18. LOUISIANA COORDINATE ZONE (Check One) ☐ NORTH ZONE ☒ SOUTH ZONE		17. RANGE R-13-E	
For Item Numbers 19 Through 24, Give Coordinates in Louisiana Coordinate System 1927 and 1983			
19. LATITUDE (NORTH) NAD 1927 30 05' 24.15"	20. LONGITUDE (WEST) NAD 1927 91 05' 52.51"	21. LOUISIANA LAMBERT (X-Y) COORDINATES (NAD 1927) X: 2,074,450 Y: 517,679	
22. LATITUDE (NORTH) NAD 1983 30 05' 24.87"	23. LONGITUDE (WEST) NAD 1983 91 05' 52.88"	24. LOUISIANA LAMBERT (X-Y) COORDINATES (NAD 1983) X: 3,355,249 Y: 578,386	
25. LIST PERMITS, LICENSES, OR APPROVALS THE APPLICANT HAS RECEIVED OR APPLIED FOR WHICH SPECIFICALLY AFFECT THE APPLICANT'S LEGAL OR TECHNICAL ABILITY TO CARRY OUT THE PROPOSED ACTIVITY. INCLUDE IDENTIFICATION NUMBER OF APPLICATIONS OR, IF ISSUED, THE IDENTIFICATION NUMBER OF THE PERMIT, LICENSE, OR OTHER APPROVALS.			
Regulatory Program or Agency		Permits, Licenses, Construction, Project Approval Identification	

OFFICE OF CONSERVATION

JAN 12 2023

INJECTION & MINING DIVISION

26. WELL CASING / CEMENT DATA								
HOLE SIZE (inches)	CASING SIZE (OD - inches)	CASING WEIGHT (lb/ft)	CASING GRADE	CASING/LINER SETTING DEPTHS		SACKS CEMENT	TYPE CEMENT/ YIELD (ft ³ /sack)	CEMENT TOP (feet)
				TOP (feet)	BOTTOM (feet)			
12.25	10.625	47	L80 LTC	0	1091	400	35/65 Poz Type 1/1.87	0
12.25	10.625	47	L80 LTC	1091	1500	250	LST 18/1.12	1091

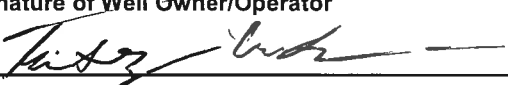
27. BASE OF USDW 1200	28. WELL TOTAL DEPTH 11330	29. WELL PLUGBACK DEPTH 11330	30. TUBING SIZE & DEPTH NA	31. PACKER SIZE & DEPTH NA
--------------------------	-------------------------------	----------------------------------	-------------------------------	-------------------------------

32. INJECTION ZONE DEPTHS (if applicable) Top: NA Bottom: NA	33. COMPLETION/PERFORATION DEPTHS (if applicable) Top: NA Bottom: NA	34. WELL COMPLETION (Check One) ☒ OPEN HOLE ☐ PERFORATIONS ☐ SCREEN
--	--	---

INJECTIVITY TEST INFORMATION (if applicable)		
35. TEST MATERIAL (e.g. nitrogen, brine, etc): NA ***CO2 is prohibited as a Class V test material***	36. MAXIMUM TEST PRESSURE (psi): NA	37. TOTAL INJECTION VOLUME: NA

38. Is the Well Located on Indian Lands or Other Lands Owned by or under the Jurisdiction or Protection of the Federal Government?	☐ YES ☒ NO
39. Is the Well Located on State Water Bottoms or Other Lands Owned by or under the Jurisdiction or Protection of the State of Louisiana?	☐ YES ☒ NO

40. AGENT OR CONTACT AUTHORIZED TO ACT ON BEHALF OF THE APPLICANT DURING THE PROCESSING OF THIS APPLICATION	
NAME: <u>Andrew J. Chartrand</u>	
MAILING ADDRESS: <u>1333 West Loop South, Suite 830</u>	
CITY, STATE, ZIP CODE: <u>Houston, TX 77027</u>	
TELEPHONE NUMBER: <u>(832) 696-0052</u>	FAX NUMBER: _____
E-MAIL ADDRESS: <u>andrew.chartrand@blueskyinfrastructure.com</u>	

41. CERTIFICATION BY WELL OWNER/OPERATOR	
I certify that as the owner/operator of the injection well, the person identified in Item No. 40 above is authorized to act on my behalf during the processing of this application, to submit additional information as requested, and to give oral statements in support of this application. I will grant an authorized agent of the Office of Conservation entry onto the property to inspect the injection well and related appurtenances as per LSA-R.S. 30:4. I agree to operate the well in accordance with Office of Conservation guidelines. I further certify under penalty of law that I have examined and am familiar with the information submitted in this document and all attachments and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment or both (LSA-R.S. 30:17).	
Print Name of Well Owner/Operator Timothy Watson	Print Title of Company Official (as applicable) Geologist
Signature of Well Owner/Operator 	Date 01/10/2023

OFFICE OF CONSERVATION

JAN 12 2023

INJECTION & MINING DIVISION

ASCENSION PARISH, LOUISIANA

T-11-S

R-13-E



PROPOSED
PALO ALTO RPN-S #1 WELL LOCATION

NAD83		NAD27	
LAT. 30° 05' 24.87" N	LAT. 30° 05' 24.15" N	LAT. 30° 05' 24.15" N	LAT. 30° 05' 24.15" N
LONG. 91° 05' 52.88" W	LONG. 91° 05' 52.51" W	LONG. 91° 05' 52.51" W	LONG. 91° 05' 52.51" W
N 578,386	N 517,679	N 517,679	N 517,679
E 3,355,249	E 2,074,450	E 2,074,450	E 2,074,450

GROUND ELEV. 4.5'

EXISTING WELL S/N 90306
PALO ALTO CO INC No. 001
(PLUGGED & ABANDONED)
(BASED ON DNR SONRIS DATABASE)

PALO ALTO
CONSERVATION II, L.L.C.
(LEASED TO BLUE SKY
INFRASTRUCTURE, LLC.)

N.G.S. MONUMENT
"R 295"
NAD83
N 584,432.20
E 3,390,784.89

SEC. 23

SEC. 24

SEC. 24

SEC. 19

SEC. 26

SEC. 25

SEC. 25

SEC. 30

IBERVILLE PARISH, LOUISIANA

ASCENSION PARISH, LOUISIANA

2609' (±)

PALO ALTO ROYALTY, L.L.C.
(LEASED TO BLUE SKY
INFRASTRUCTURE, LLC.)

NOTE: RP NORTH 1-3-4-5 TEST WELL IS S 80° 20' 39" W,
36,046.4' FROM N.G.S. MONUMENT "R 295" (P.I.D. BJ0634)

SCALE - FEET

1000 500 0 1000

1" = 1000'

NO COMMERCIAL OR RESIDENTIAL STRUCTURES
NOT OWNED BY THE APPLICANT, HIS LESSOR, OR
OTHER PREDECESSOR IN INTEREST ARE LOCATED
WITHIN A 500 FOOT RADIUS OF THE WELL SITE.

OFFICE OF CONSERVATION

OCT 27 2022

INJECTION & MINING DIVISION



THIS DRAWING WAS PREPARED SOLELY FOR USE BY RIVER PARISH SEQUESTRATION, LLC IN CONJUNCTION WITH THE SPECIFIC PROJECT DESIGNATED IN THE TITLE BLOCK. USE FOR ANY OTHER PURPOSE, OR USE BY ANY OTHER PARTY SHALL BE AT USER'S SOLE RISK WITHOUT ANY LIABILITY TO HYDRO CONSULTANTS.

THIS DRAWING DOES NOT DEPICT THE RESULTS OF A BOUNDARY SURVEY AS DEFINED BY THE LOUISIANA ADMINISTRATIVE CODE, TITLE 46, PART LXI, CHAPTER 29.

THIS DRAWING IS THE PROPERTY OF HYDRO CONSULTANTS, INC. AND ANY REVISIONS MADE WITHOUT THE WRITTEN AUTHORIZATION OF THE SUPERVISING PROFESSIONAL WILL VOID THE SEAL WHICH HE HAS PLACED HEREON.

I, M. ERNEST GAMMON JR., PROFESSIONAL LAND SURVEYOR, CERTIFY THAT THE WELL LOCATION DEPICTED AND DESCRIBED IN THIS PLAT WAS STAKED AND SURVEYED IN THE FIELD BY ME, OR UNDER MY DIRECTION WITH ACCURACY AND PRECISION TO THE NEAREST FOOT.

NOTES:

NORTH ARROW AND COORDINATES REFER TO THE LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83). COORDINATES WERE DERIVED FROM RTK GPS OBSERVATIONS USING LSU C4G REAL TIME NETWORK CORRECTIONS.

ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM (NAV83), BASED ON RTK GPS OBSERVATIONS USING LSU C4G REAL TIME NETWORK CORRECTIONS AND GEOID MODEL "GEOID 18".

N.G.S. MONUMENT INFORMATION TAKEN FROM PUBLISHED N.G.S. DATA SHEETS.

DISTANCES IN FEET BY HORIZONTAL MEASUREMENT.

PARISH, SECTION, TOWNSHIP, AND RANGE SCALED FROM REFERENCED U.S. GEOLOGICAL SURVEY QUADRANGLE MAP. THE LOCATION OF ANY SECTION LINES DEPICTED HEREON SHALL BE CONSIDERED APPROXIMATE AND SHOULD BE USED SOLELY FOR ORIENTATION PURPOSES.

PROPOSED TEST WELL LOCATION FURNISHED BY PROJECT CONSULTING SERVICES, INC.

DATE OF FIELD SURVEY : JULY 26, 2022.

REFERENCES:

HYDRO FIELD BOOK No. 1684.

UNITED STATES GEOLOGICAL SURVEY QUADRANGLE MAP "BELLE ROSE, LA.", DATED 1974.

RIVER PARISH SEQUESTRATION, LLC

PROPOSED PALO ALTO
RPN-S #1 WELL

ASCENSION PARISH, LOUISIANA

Hydro
Consultants, inc.

10275 SIEGEN LANE - BATON ROUGE, LOUISIANA - (225) 766-4422

DRAWN: WAM CHECKED: JEG APPROVED: MEG JR

DATE: SEPTEMBER 15, 2022 DWG. NO. A06-470-01

a) General Well Information:

Well Name	Palo Alto RPN-S #1
Well Classification	Class V
County, State	Ascension, Louisiana
Target Formation	Pliocene, Miocene
TVD / MD (ft)	11,360 ft
Trajectory	Vertical

b) Prognosis:

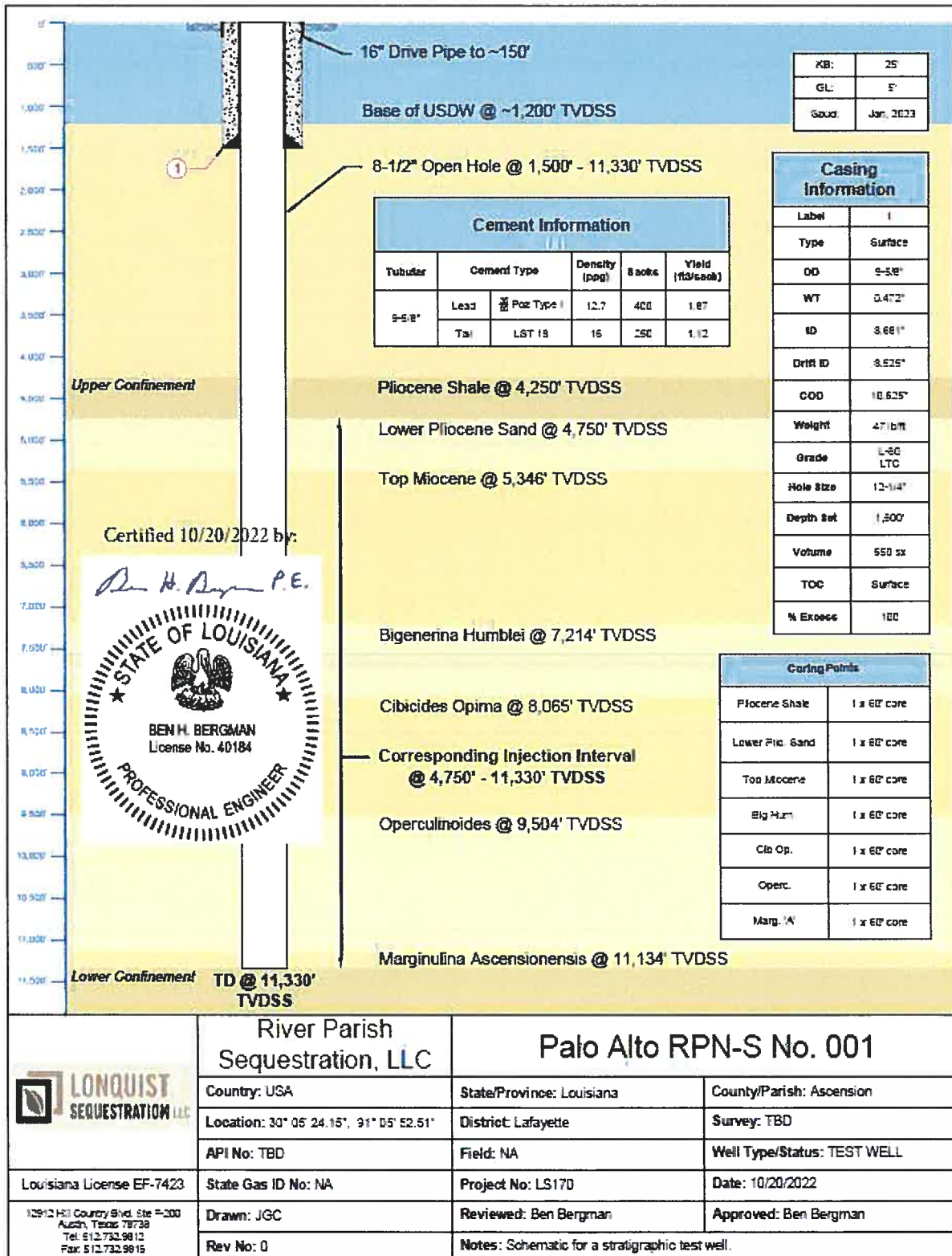
Intervals	TVD (ft)	Comments
Base of USDW	1,230	
Pliocene Shale	4,280	shale seal
Lower Pliocene Sand	4,780	permeable sandstone & shale sequence
Top Miocene	5,376	permeable sandstone & shale sequence
Bigenerina Humblei	7,244	permeable sandstone & shale sequence
Cibicides Opima	8,095	permeable sandstone & shale sequence
Operc	9,534	permeable sandstone & shale sequence
Marginulina Ascensionensis	11,164	shale seal

OFFICE OF CONSERVATION

JAN 12 2023

INJECTION & MINING DIVISION

c) Proposed Well Schematic:

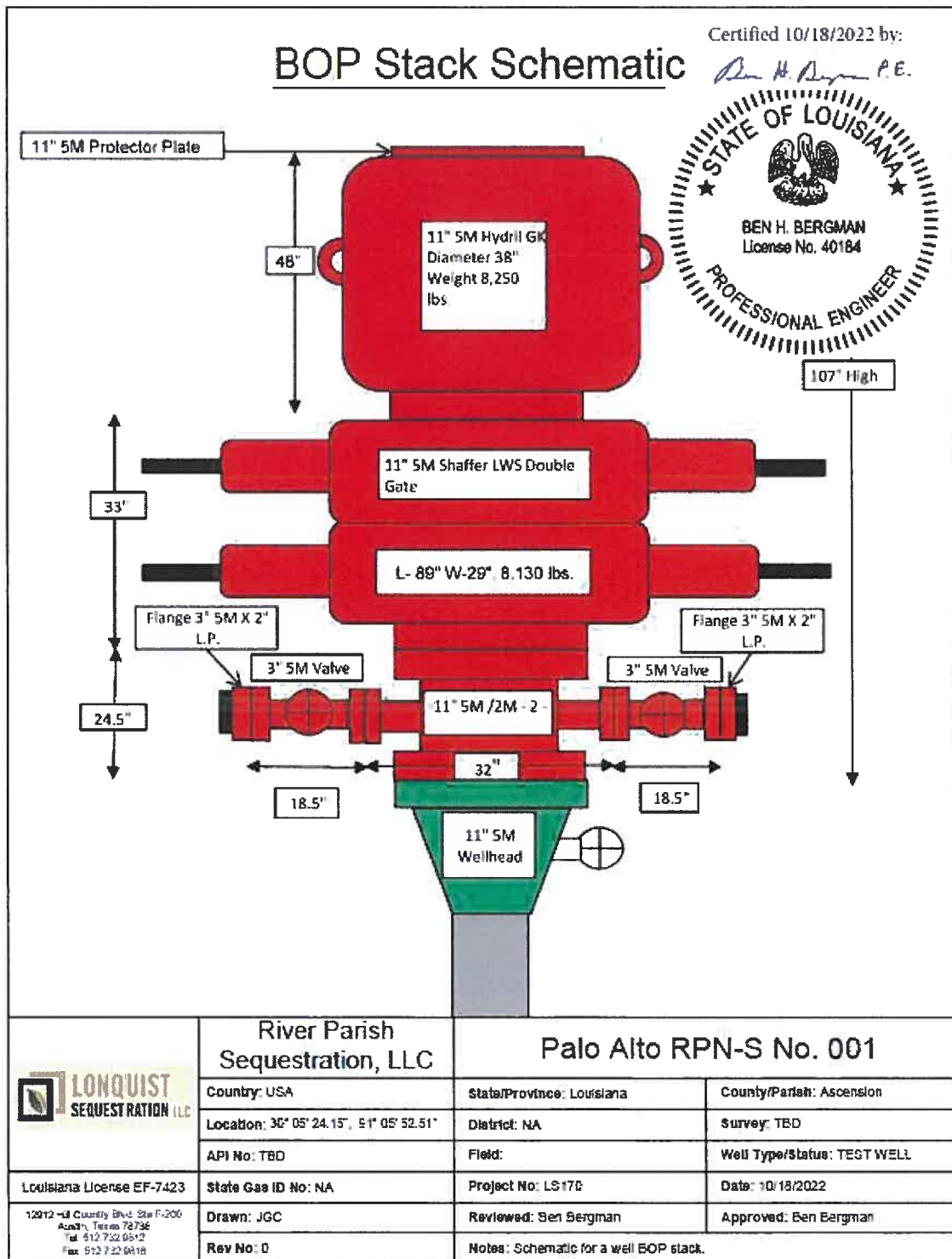


OFFICE OF CONSERVATION

JAN 12 2023

INJECTION & MINING DIVISION

d) BOP Schematic:



OFFICE OF CONSERVATION

JAN 12 2023

INJECTION & MINING DIVISION

e) Drilling Scope of work:

HIGH LEVEL WORK PLAN:

Location Preparation

1. Survey and prepare well location for drilling equipment.
2. Mobilize crane and hammer equipment
3. Drive 16" Drive Pipe to 150'

Surface Hole

4. Mobilize drilling rig and related equipment
5. Nipple up and pressure test BOP assembly
6. Rig up mud logging equipment and crew.
7. Pick up 12.25" drill bit appropriate bottom hole assembly and drill surface hole to 1,500'
8. Notify CES at least 48 hours prior to anticipated casing test
9. Run open hole logs in surface hole
10. Submit log to IDM confirming base USDW and at least one non-USDW sand prior to setting casing
11. Upon approval from IDM, run and cement 1,500' of 9 5/8" Surface Casing (or deeper as determined by open hole logs)
12. Wait on Cement
13. Run cased hole logs
14. Install 11" X 9 5/8" 5K casing head
15. Nipple up and pressure test BOP assembly
16. Pressure Test the casing to DNR specifications (The casing test will be pressured to at least 600 psi for at least 30 minutes and pressure loss will not exceed 5% and reported on form CSG-T)

Main Hole

17. Drill ahead with 8-1/2" bit to 4,700' (Core Point #1)
18. Core from 4,700' – 4,760' TVD and POOH (Core #1)
19. Ream through cored interval (Core #1) then Drill ahead with 8.5" bit to 4,800' (Core Point #2)
20. Core from 4,800' – 4,860' TVD and POOH (Core #2)
21. Ream through cored interval (Core #2) then drill ahead with 8.5" bit to 5,400' (Core Point #3)
22. Core from 5,400' – 5,460' TVD and POOH (Core #3)
23. Ream through cored interval (Core #3) then drill ahead with 8.5" bit to 7,250' (Core Point #4)
24. Core from 7,250' – 7,310' TVD and POOH (Core #4)
25. Ream through cored interval (Core #4) then drill ahead with 8.5" bit to 8,050' (Core Point #5)
26. Core from 8,050' – 8,110' TVD and POOH (Core #5)
27. Ream through cored interval (Core #5) then drill ahead with 8.5" bit to 9,500' (Core Point #6)
28. Core from 9,500' – 9,560' TVD and POOH (Core #6)
29. Ream through cored interval (Core #6) then drill ahead with 8.5" bit to 11,170' (Core Point #7)
30. Core from 11,170' – 11,230' TVD and POOH (Core #7)
31. Ream through cored interval (Core #7) then drill ahead with 8.5" bit to TD (11,330')
32. Circulate hole clean and prepare for logging operation
33. Run open hole logs
34. Collect Sidewall Cores
35. Collect formation fluid samples
36. Perform MDT drawdown tests in selected intervals
37. Plug and abandon wellbore (See high level cementing procedures)
38. Rig down and move out drilling rig and rentals.
39. Turn over location to River Parish Sequestration

OFFICE OF CONSERVATION

JAN 12 2023

INJECTION & MINING DIVISION

f) P&A Scope of work:

HIGH-LEVEL WORK PLAN:

During plugging operations all spaces in the wellbore not filled with cement will be filled with a minimum 9 ppg mud with corrosion inhibitor, or 9 ppg minimum inhibited brine

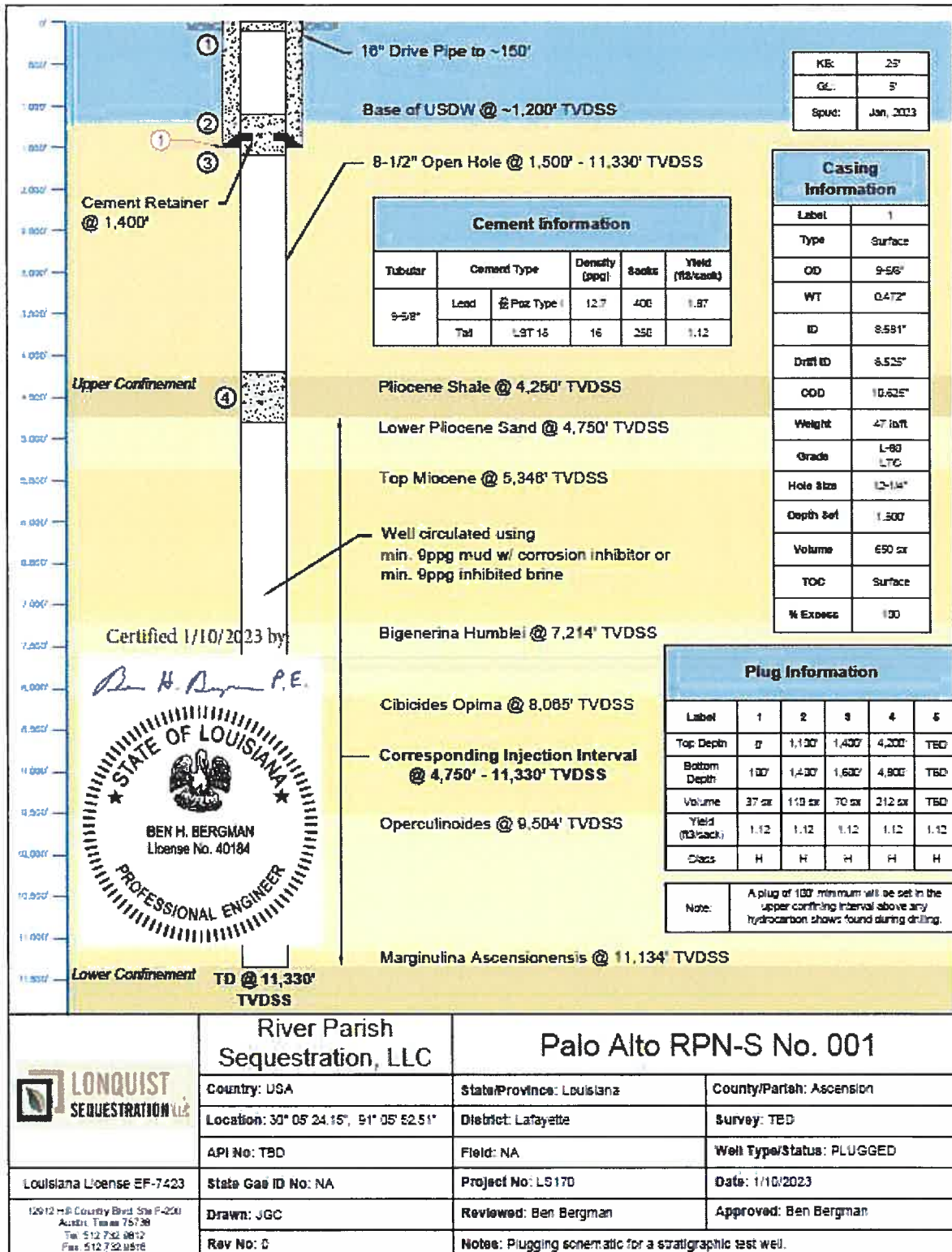
1. Move in and rig up cementing equipment
2. Displace wellbore with minimum 9 ppg mud with corrosion inhibitor, or 9 ppg minimum inhibited brine
3. Pump 100' balanced plug across the confining layer above any oil or gas show seen during the drilling of the well
4. Pump 600' balanced plug across the Upper Confining Layer from 4,200 – 4,800'
5. Rig in wireline to run and set cement retainer at 1,400'
6. Run in the hole at sting into the cement retainer
7. Pump 200' balanced plug from 1,600' to 1,400'
8. Pull out of cement retainer
9. Pump 300' balanced plug from 1,400' to 1,100'
10. Rack back 10 stands and reverse circulate to clear cement from string
11. Wait on cement
12. RIH and tag cement for confirmation
13. Pressure test the casing to 600psi
14. Run workstring open ended to 100'
15. Pump 100' balanced plug to surface
16. Pull out of the hole
17. Top off cement for tubing displacement
18. Rig out cementing equipment

OFFICE OF CONSERVATION

JAN 12 2023

INJECTION & MINING DIVISION

g) Proposed P&A Schematic:



OFFICE OF CONSERVATION

JAN 12 2023

INJECTION & MINING DIVISION

h) Logging & Testing Program:

1) Mudlogging Requirements:

- a. Sample every 30 ft from surface to TD.

2) Coring Requirements:

No	Formation	Depth (ft)	Length (ft)
1	Pliocene Shale - Seal	4700	60
2	Lower Pliocene Sand - Injection Zone	4800	60
3	Upper Miocene - Injection Zone	5400	60
4	Big Hum - Injection Zone	7250	60
5	Cib Op - Seal & Injection Zone	8050	60
6	Operc - Seal & Injection Zone	9500	60
7	Marg. "A" - Seal	11170	60

OFFICE OF CONSERVATION

JAN 12 2023

INJECTION & MINING DIVISION

3) Logging Program:

Section	Open Hole Logs	Interval/ sample
12.25" @ 1500 ft	Gamma Ray	0 - 1500
	Resistivity	0 - 1500
	Density	0 - 1500
	Neutron	0 - 1500
	SP	0 - 1500
	Sonic	0 - 1500
	4/6 arm caliper	0 - 1500
8.5" @ TD	Spectral GR	1500 - TD
	Resistivity	1500 - TD
	Density	1500 - TD
	Neutron	1500 - TD
	Spontaneous Potential	1500 - TD
	Dipole Sonic	1500 - TD
	High Resolution Resistivity Imager	1500 - TD
	Elemental Capture Spectroscopy	1500 - TD
	Magnetic Resonance	1500 - TD
	RSWC	150
	Pressure Sampling	15
	Fluid Sampling	10
	MDT (Drawdown Test)	5
Section	Cased Hole Logs	Interval/ sample
12.25" @ 1500 ft	CBL, GR, Temp	0 - 1500

OFFICE OF CONSERVATION

JAN 12 2023

INJECTION & MINING DIVISION

SCHLUMBERGER

LSN14501000000065081

*Electrical Log*COUNTY **IBERVILLE**FIELD or **WILDCAT**LOCATION **SEC. 32-11S-12E**WELL **WHITE CASTLE LMBR.**COMPANY **VINCENT & WELCH**COMPANY **VINCENT & WELCH**

Location of Well

65081FSE/C SEC. **GO N**
52° 30' MIN. 21 SEC.
W 2758.09'WELL **WHITE CASTLE LMBR.**
& SHINGLE CO. #1FIELD **WILDCAT**LOCATION **SEC. 32-11S-12E****COMPOSITE**COUNTY **IBERVILLE**STATE **LOUISIANA****RECEIVED**
APR 5 1957**DEPT. OF CONSERVATION**Elevation: D.F.: **NA**K.B.: **NA 19'**or G.L.: **NA 2'**

FILING No. _____

RUN No.	1	2	3	5	
Date	2-25-57	3-9-57	3-13-57	3-17-57	3-23-57
First Reading	3025	10382	11257	11821	12505
Last Reading	197	3025	10382	11257	11821
Feet Measured	2828	7357	875	564	684
Csg. Schlum.	197	3024	3024	3024	3024
Csg. Driller	200	3020	3020	3020	3020
Depth Reached	3025	10382	11257	11821	12505
Bottom Driller	3025	10385	11265	11825	12509
Depth Datum	17 1/2' ABV. GEL				
Mud Nat.	NA	CAUS-QUEB	OIL-KEMB	OIL-T8	12 1/2 OIL
" Density	9.0	10.5	11.6	12.1	12.6
" Viscosity	35	40	45	51	64
" Resist.	1.6 @ 84 °F	2.1 @ 54 °F	1.16 @ 100 °F	1.3 @ 86 °F	2.4 @ 88 °F
" Res. BHT	NA @ -100 °F	.75 @ 150 °F	.70 @ 166 °F	-- @ 170 °F	1.2 @ 174 °F
" pH	7.5 @ -- °F	8 @ -- °F	11 @ -- °F	12 @ -- °F	12 @ -- °F
" Wtr. Loss	26.5 CC 30 min.	10 CC 30 min.	6.7 CC 30 min.	5.2 CC 30 min.	5 CC 30 min.
Max. Temp. °F	-100	150	166	170	174
Bit Size	15"	9 7/8"	9 7/8"	9 7/8"	9 7/8"
Spcgs.—AM	16"	16"	16"	16"	16"
A	64"	64"	64"	64"	64"
AO	18' 8"	18' 8"	18' 8"	18' 8"	18' 8"
Opr. Rig Time	3 HRS.	2 1/2 HRS.	2 1/2 HRS.	2 1/2 HRS.	2 1/2 HRS.
Truck No.	1551-OP.	1535-DON	578-DON.	578-DON.	578-DON.
Recorded By	FORTE NOT ONES	HINES	GARON HINES	OSTRANDER	HINES
Witnessed By	BOONE	LISMAD-NEILL	NEILL	NEILL	NEILL

FOLD HERE

D
F
I
C
C
B
D
N

N
B
S

C
T
R
V

D
F
I
C
C
D
B
D
M

M
B
S

O
T
R
R
W

RUN No.	6	7			
Date	3-25-57	3-26-57			
First Reading	12636	12722			
Last Reading	12605	12636			
Feet Measured	131	86			
Csg. Schlum.	3024	3024			
Csg. Driller	3020	3026			
Depth Reached	12636	12722			
Bottom Driller	12640	12725			
Depth Datum	17.5' ABV.	GROUND OR LEVEL WITH K.B.			
Mud Nat.	240H-KEM	240H-KEM			
" Density	2.5	2.5			
" Viscosity	55	50			
" Resist.	1.4 @ 83 °F	1.92 @ 57 °F	@ °F	@ °F	@ °F
" Res. BHT	.7 @ 170 °F	.64 @ 172 °F	@ °F	@ °F	@ °F
" pH	11 @ --- °F	11 @ --- °F	@ °F	@ °F	@ °F
" Wtr. Loss	5.5 CC 30 min.	5.5 CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.
Max. Temp. °F	170	172			
Bit Size	9 7/8"	9 7/8"			
Spcgs.—AM	16"	16"			
A	64"	64"			
AO	18 1/8"	18 1/8"			
Opr. Rig Time	22 HRS.	3 HRS.			
Truck No.	1535-DON.	1535-DON.			
Recorded By	HINES-GARON	HINES-SHOUP			
Witnessed by	NEILL	NEILL			

RUN No.					
Date					
First Reading					
Last Reading					
Feet Measured					
Csg. Schlum.					
Csg. Driller					
Depth Reached					
Bottom Driller					
Depth Datum					
Mud Nat.					
" Density					
" Viscosity					
" Resist.	@ °F	@ °F	@ °F	@ °F	@ °F
" Res. BHT	@ °F	@ °F	@ °F	@ °F	@ °F
" pH	@ °F	@ °F	@ °F	@ °F	@ °F
" Wtr. Loss	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.
Max. Temp. °F					
Bit Size					
Spcgs.—AM					
A					
AO					
Opr. Rig Time					
Truck No.					
Recorded By					
Witnessed By					

OFFICE OF CONSERVATION

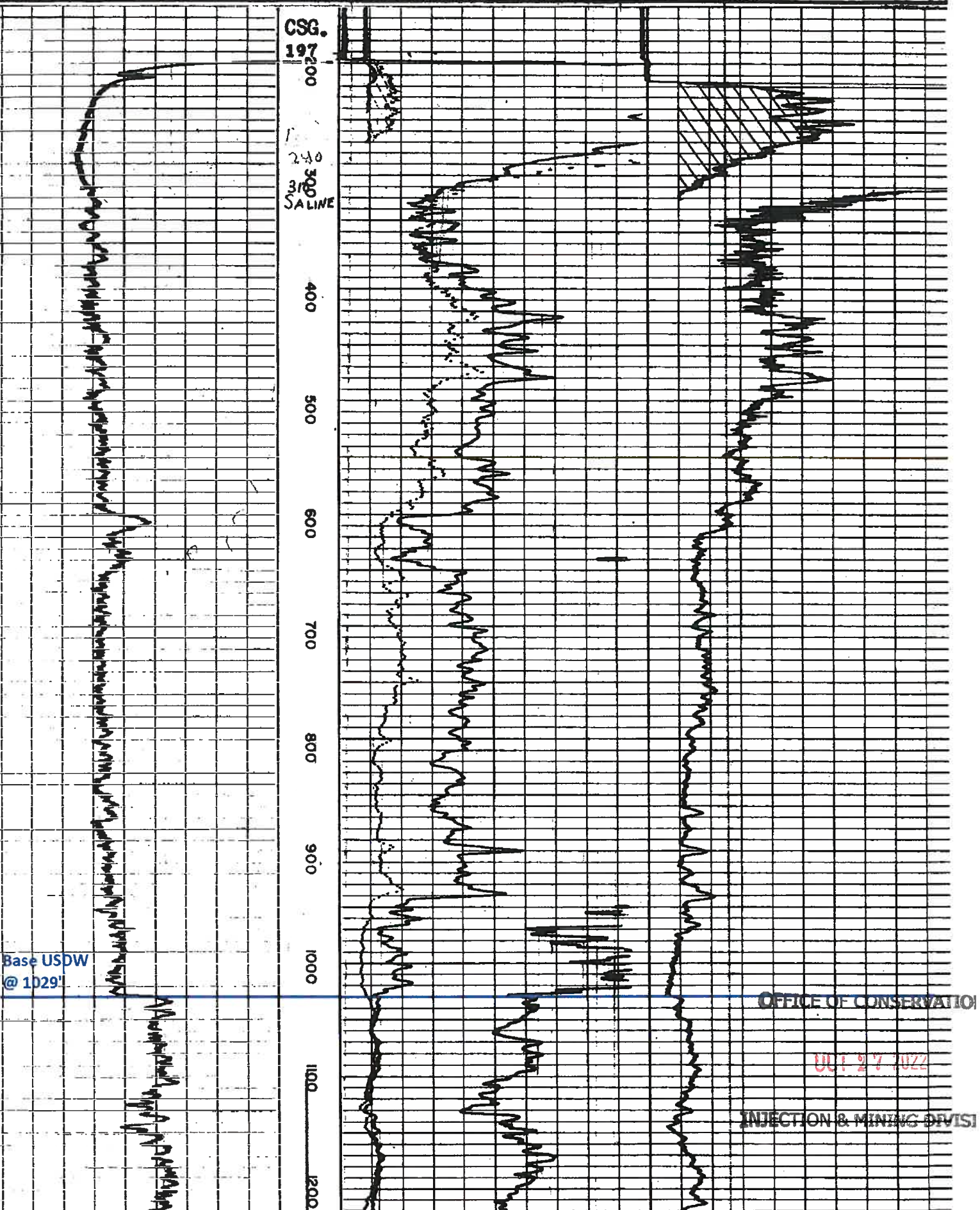
OCT 27 1972

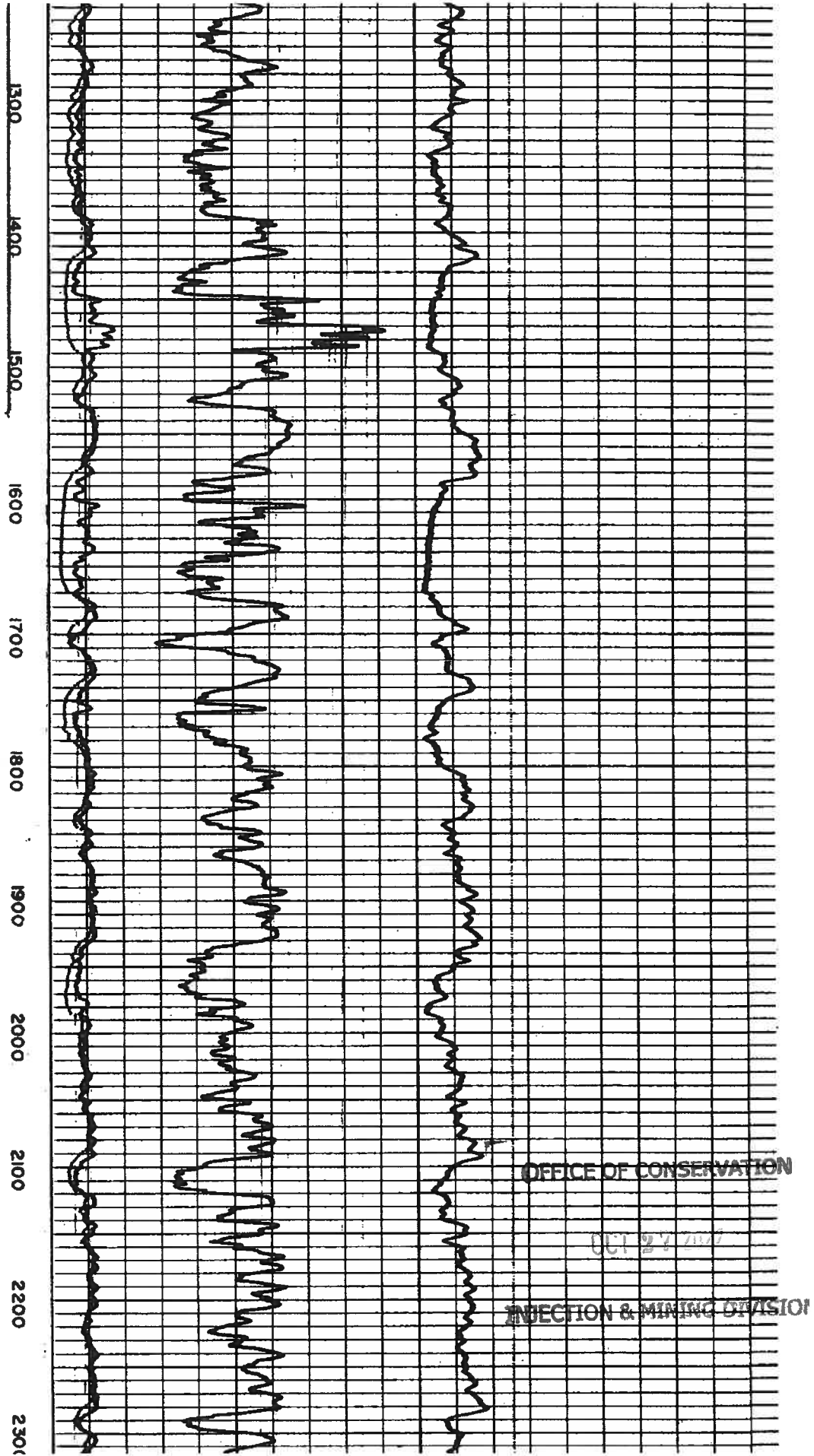
INJECTION & MINING DIVISION

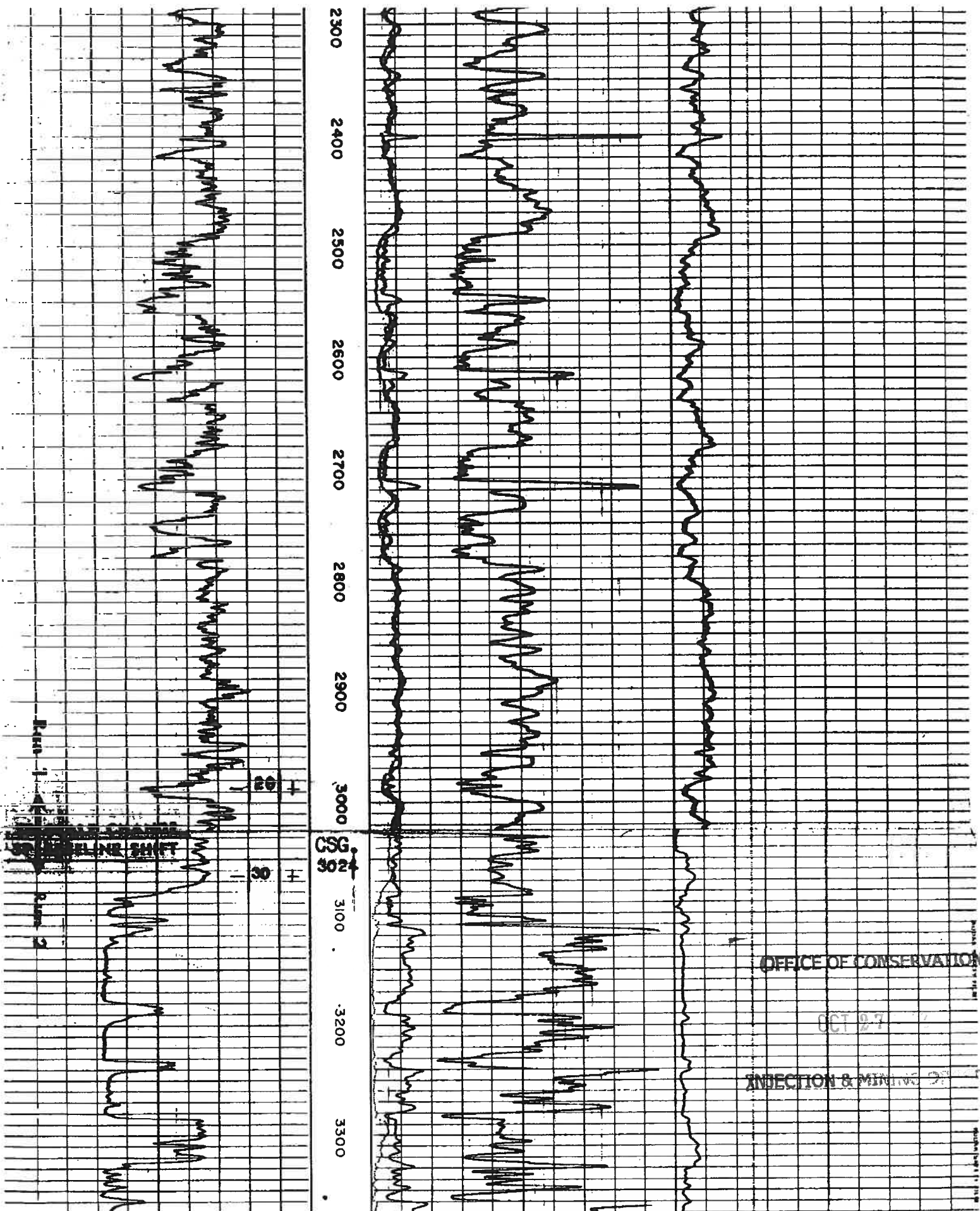
REMARKS

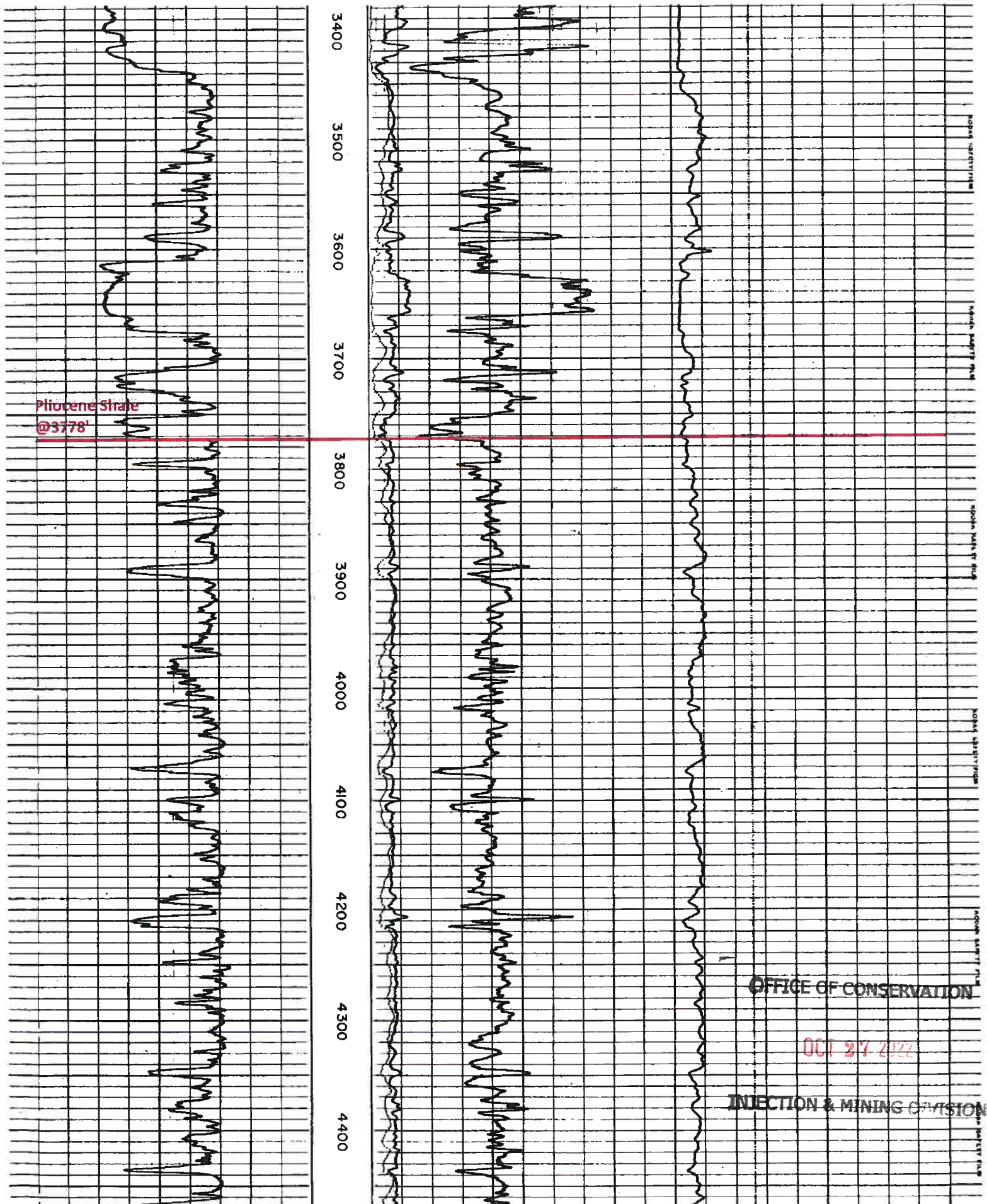
[illegible]

CSG. 197







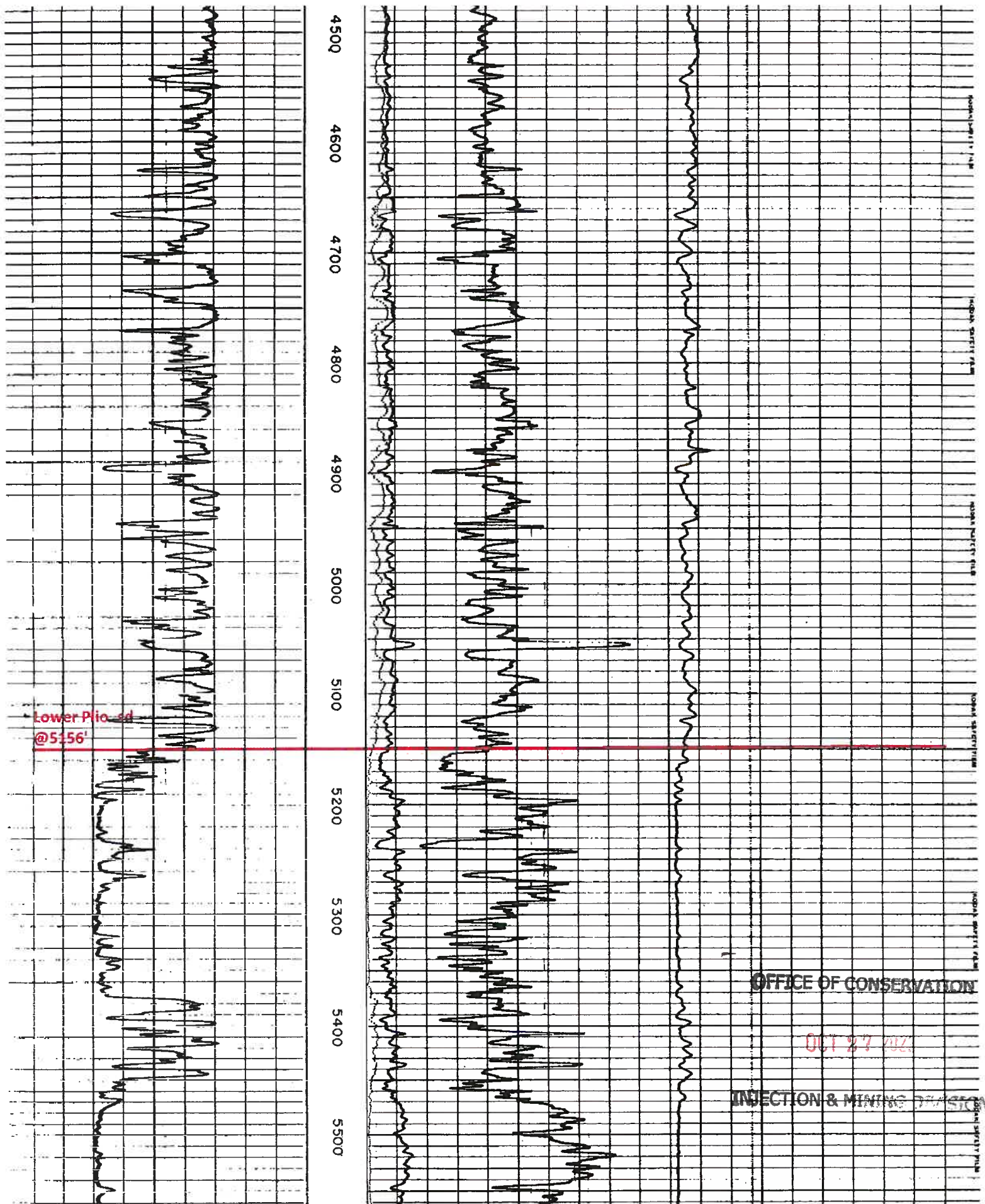


Pliocene Strata
@3778'

OFFICE OF CONSERVATION

OCT 27 2022

INJECTION & MINING DIVISION

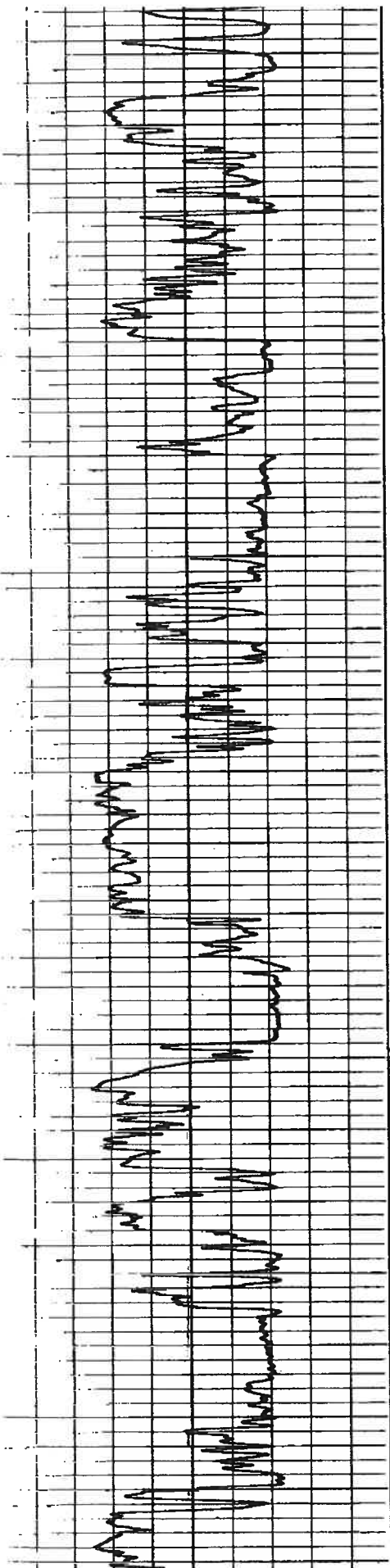


Top Miocene
@5787'

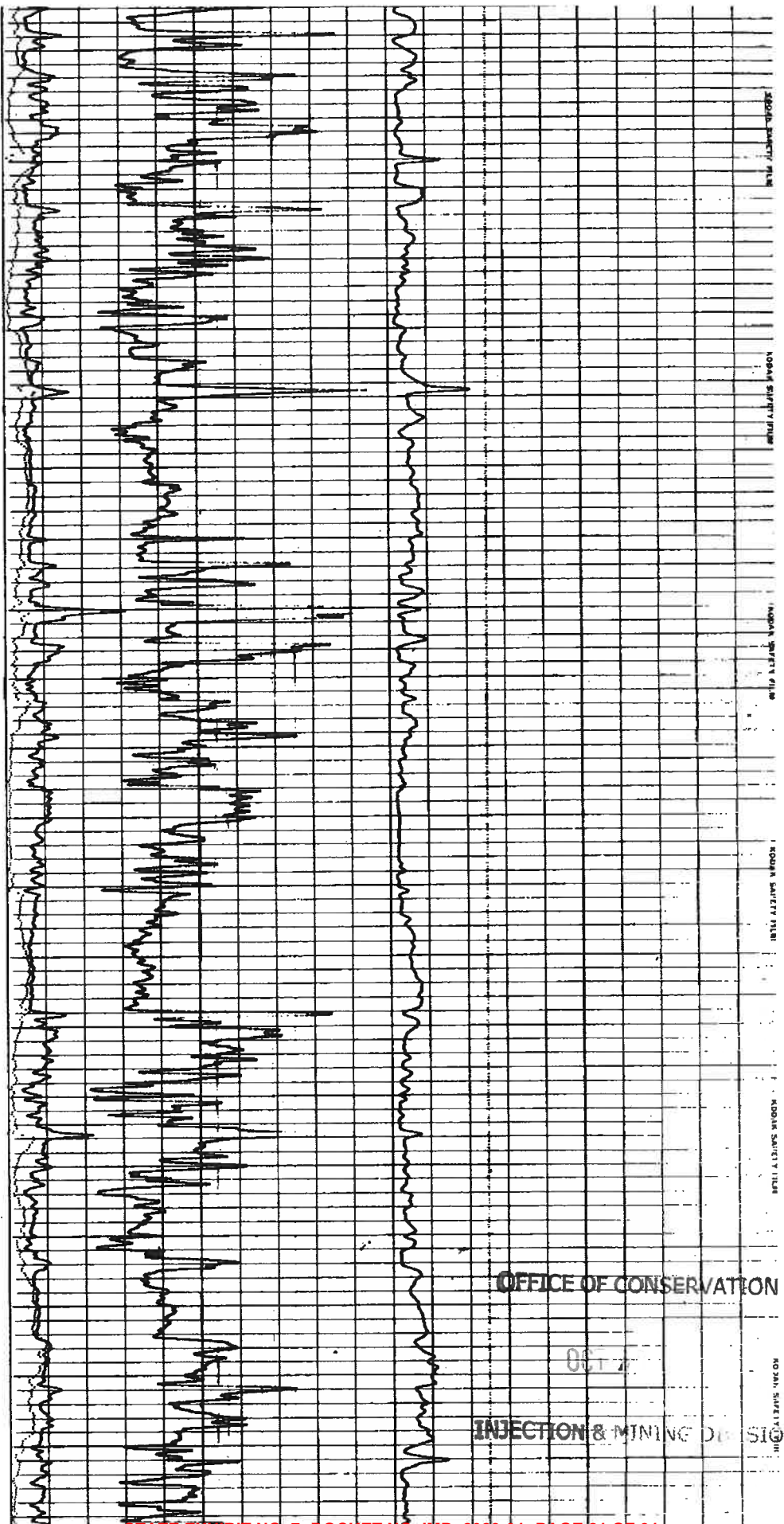
OFFICE OF CONSERVATION

OCT 27 2027

INJECTION & MINING DIVISION

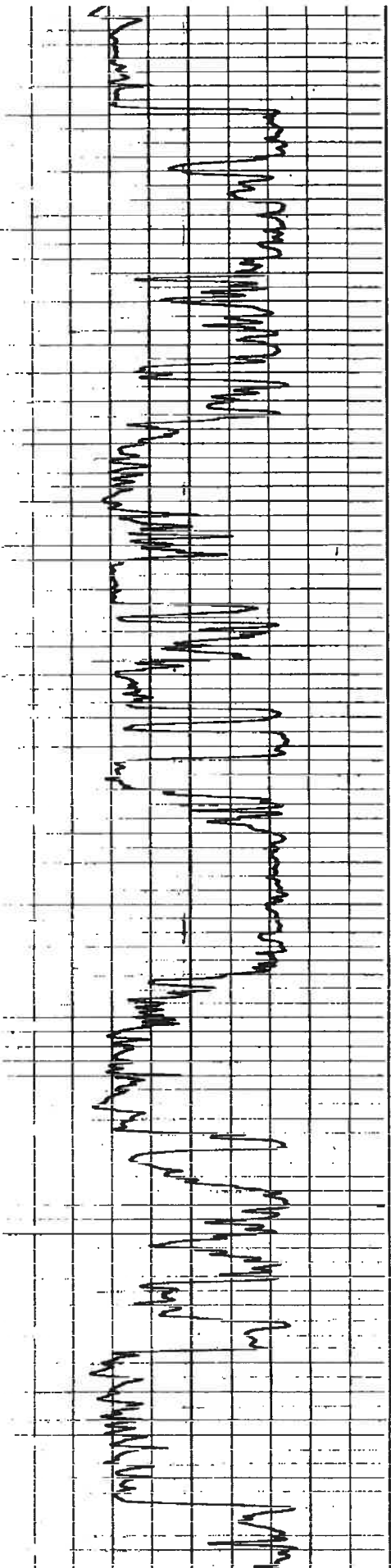


6700 6800 6900 7000 7100 7200 7300 7400 7500 7600 7700

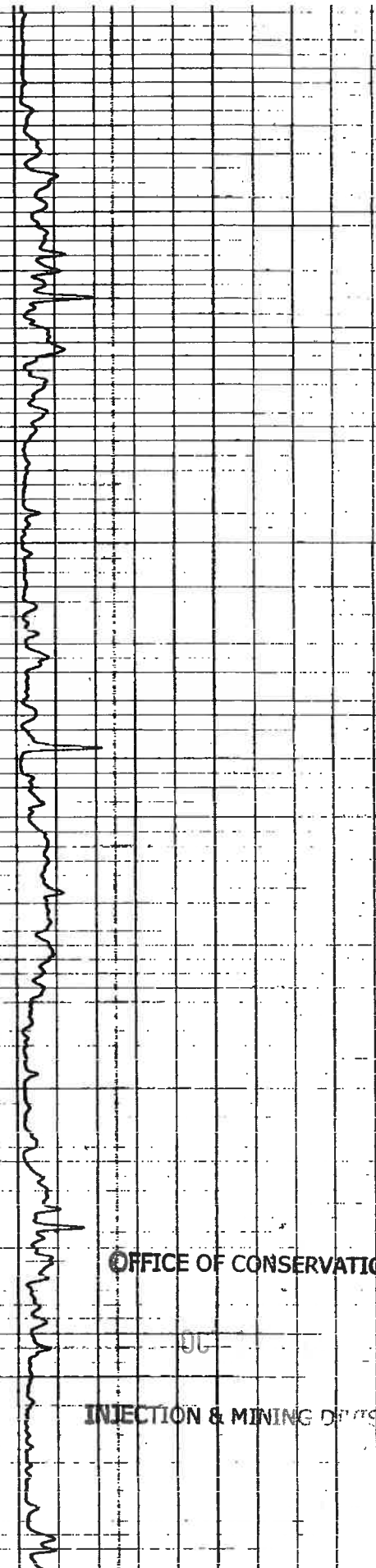
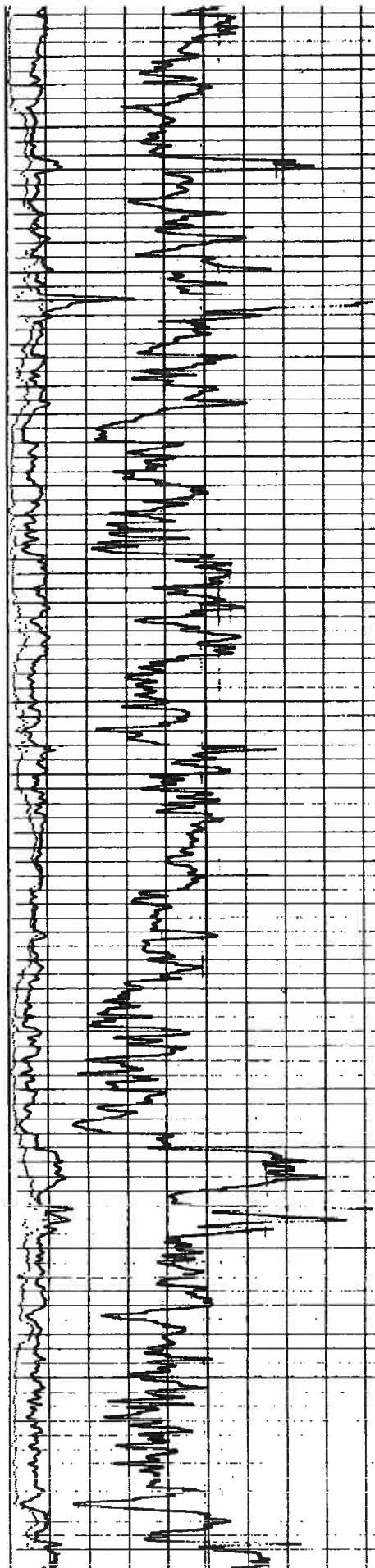


OFFICE OF CONSERVATION

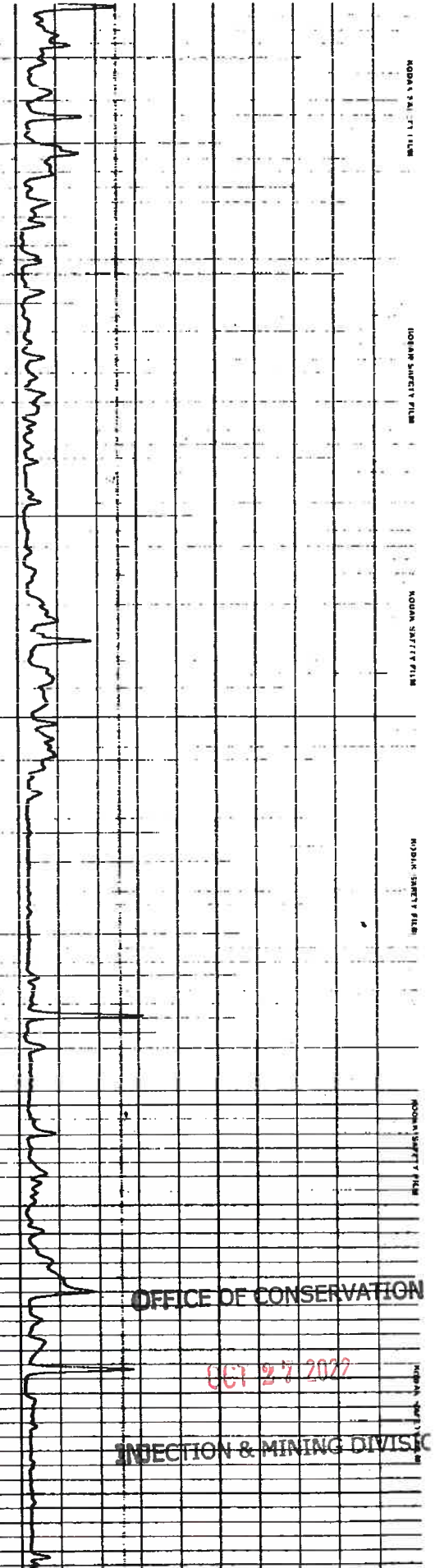
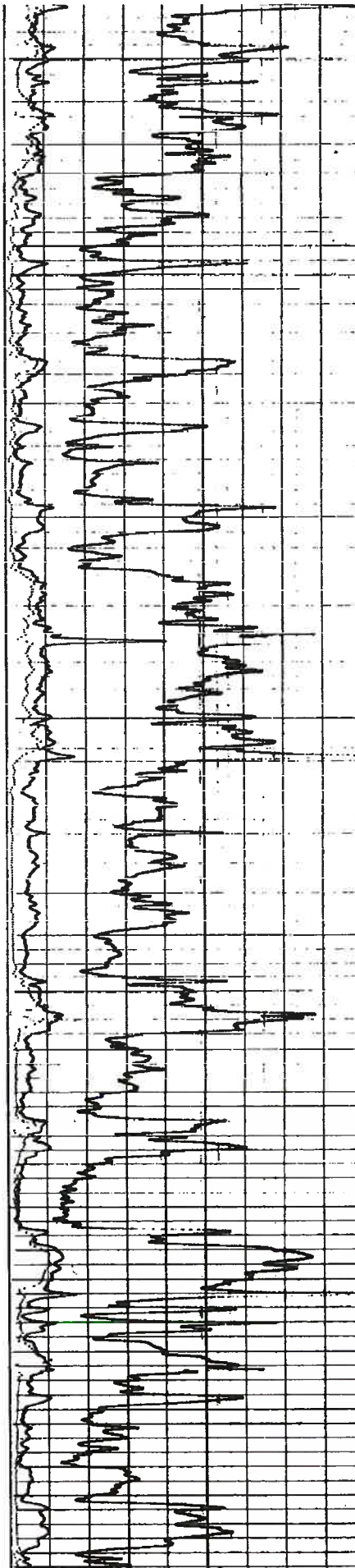
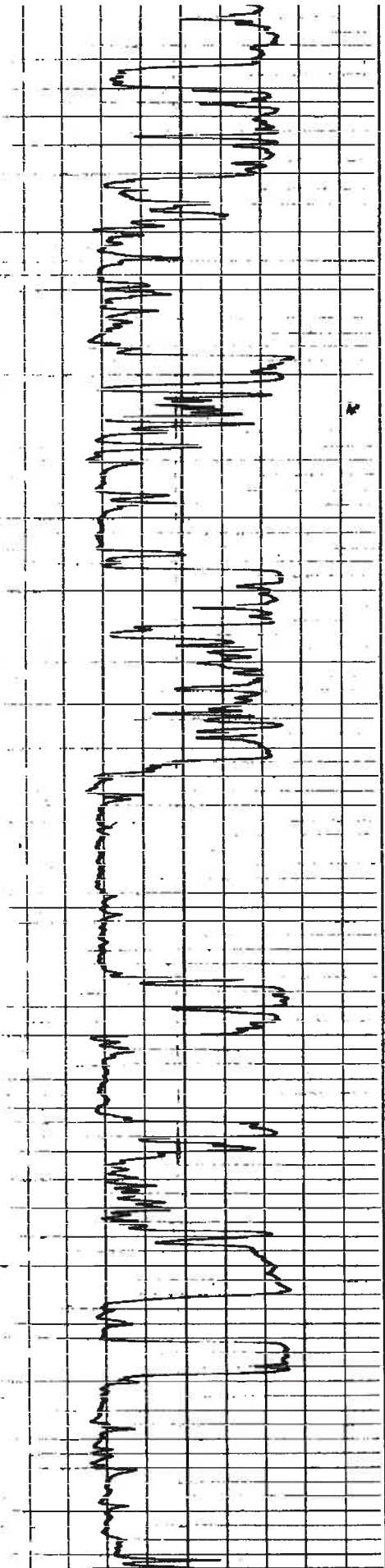
INJECTION & MINING DIVISION



7800 7900 8000 8100 8200 8300 8400 8500 8600 8700 8800



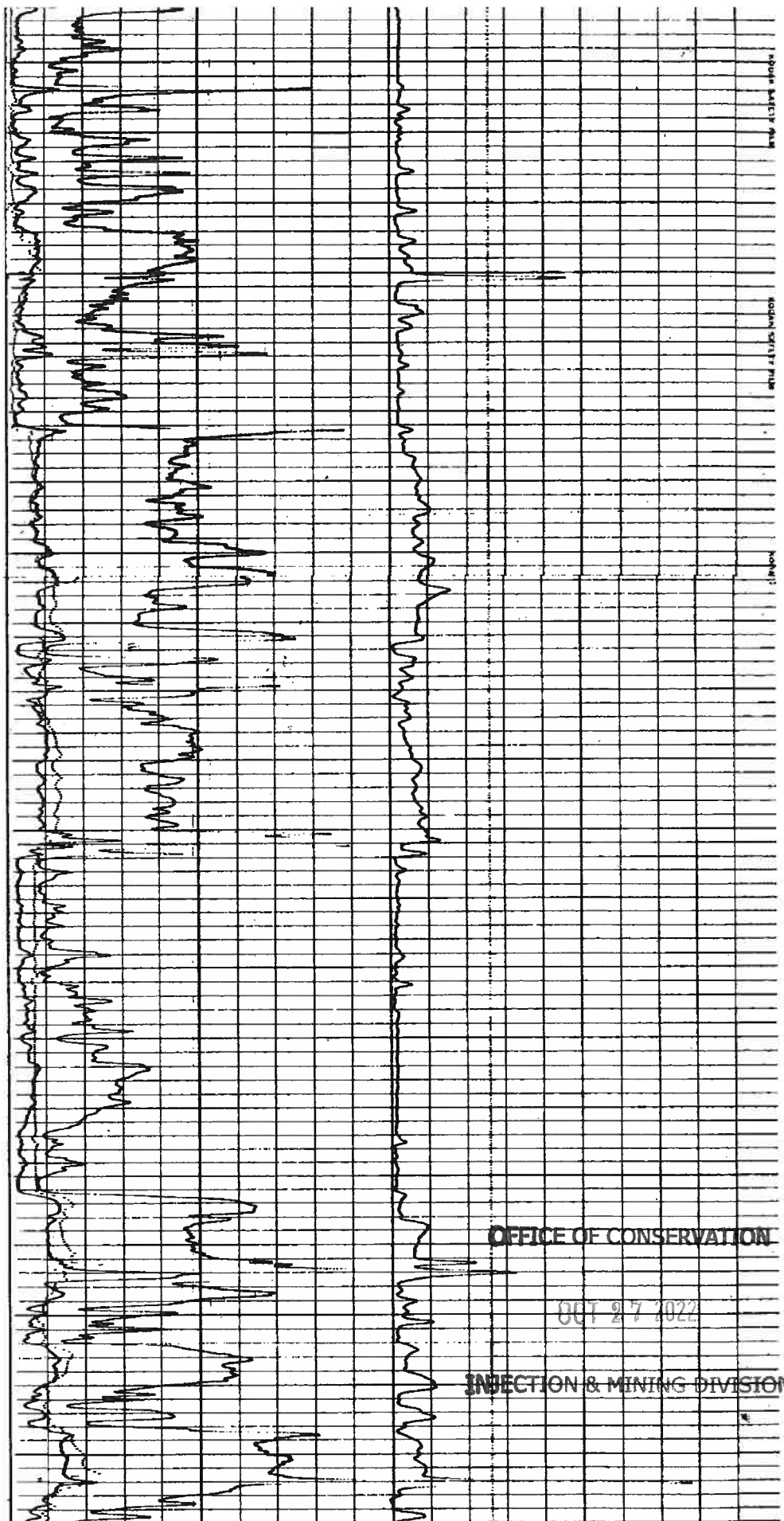
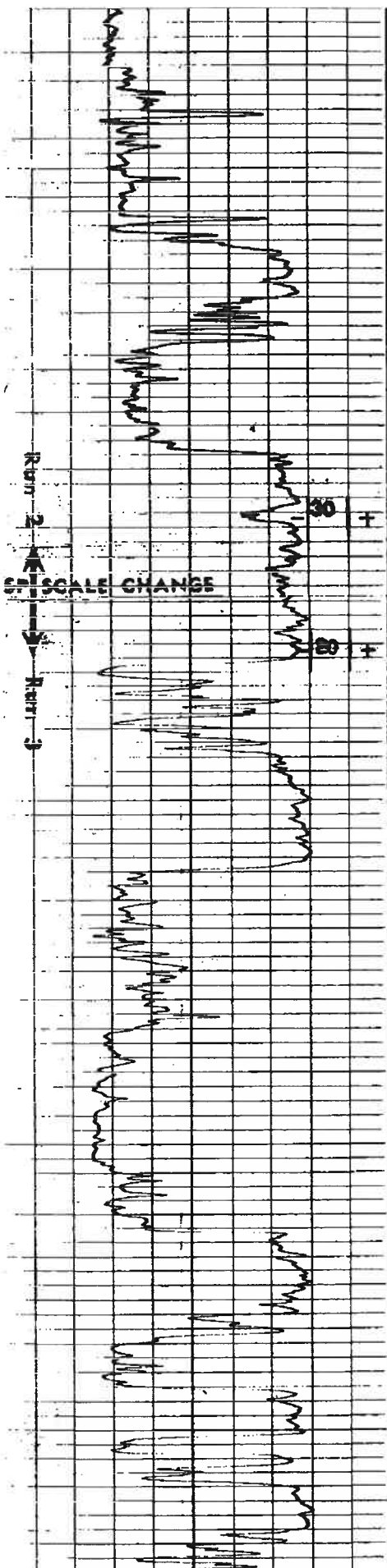
OFFICE OF CONSERVATION
INJECTION & MINING DEPARTMENT



OFFICE OF CONSERVATION

OCT 27 2022

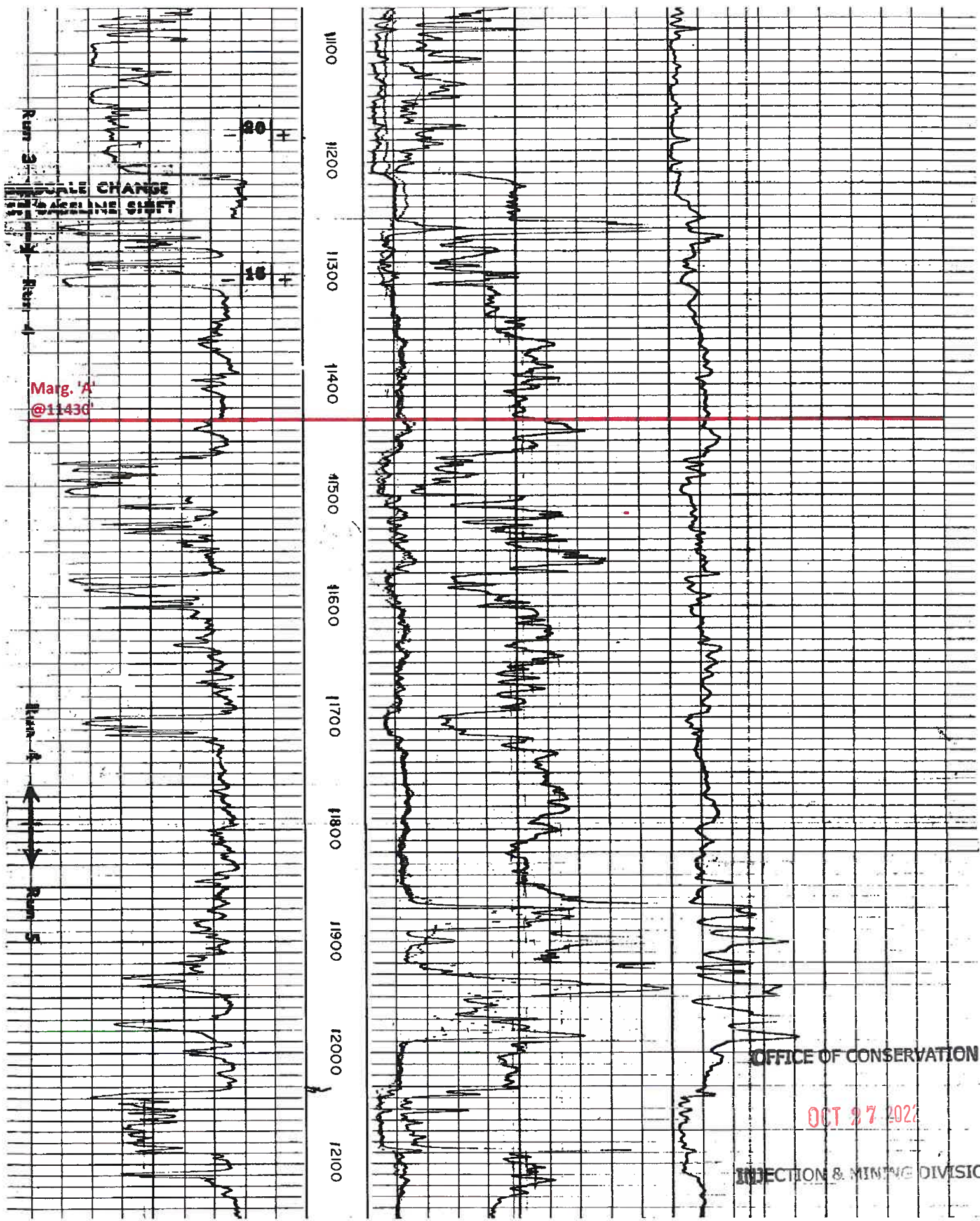
INJECTION & MINING DIVISION



OFFICE OF CONSERVATION

OCT 27 2022

INJECTION & MINING DIVISION





VINCENT & WELCH
WHITE CASTLE LUMBER & SHINGLE CO, #1
WILDCAT

T.D. SCHL. 12722

T.D. DRLR. 12725

COMPOSITE OFFICE OF CONSERVATION

OCT 27

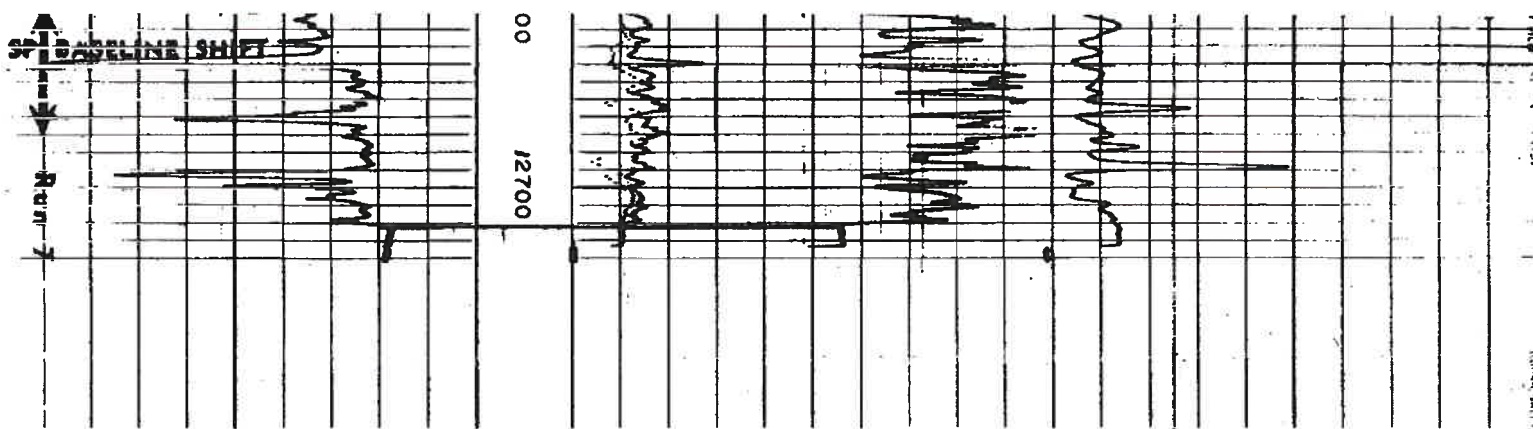
20 FROM CSG
- | ↔ + TO 3024

- | 30 | + 3024 TO
10370

| 20 | . 10370

INJECTION & MINING DIVISION

0	AM = 16"	10 0	AO = 18'8"	1
0	AM = 16"	100 0	AO = 18'8"	100
0	AM' = 64"	10		
0	AM' = 64"	100		
0	AMP AM = 16"	2		



VINCENT & WELCH
WHITE CASTLE LUMBER & SHINGLE CO., #1
WILDCAT

T.D. SCHL. 12722

T.D. DRLR 12726

COMPOSITE

20 FROM CSG
+ TO 3024

30 + 3024 TO
10370

20 + 10370
TO 11250

15 + 11250
TO T.D.

0 AM = 16" 10 0

AO = 18'8" 1

0 AM = 16" 100 0

AO = 18'8" 100

0 AM = 64" 10

0 AM = 64" 100

0 AMP AM = 16" 2

5" = 100'

CSG.
127

OFFICE OF CONSERVATION

OCT 27 2022

INJECTION & MINING DIVISION

January 3, 2023

Melissa Ashour, P.G.
Louisiana Department of Natural Resources
Office of Conservation, Injection and Mining Division
617 North Third Street
Baton Rouge, LA 70802

Dear Ms. Ashour:

Enclosed is the original, notarized Proof of Publication for the legal notice for expedited review approval for Application No. 043669. The legal notice was published in The Advocate on December 5, 2022, a Class V Stratigraphic Test Well permit application filed by River Parish Sequestration, LLC.

If you have any questions or comments, please contact me at (832) 696-0052 or andrew.chartrand@blueskyinfrastructure.com.

Sincerely,



Andrew J. Chartrand
VP, Regulatory, Environmental & Sustainability
River Parish Sequestration, LLC

Enclosures

OFFICE OF CONSERVATION

JAN 04 2023

INJECTION & MINING DIVISION

CAPITAL CITY PRESS

Publisher of
THE ADVOCATE

PROOF OF PUBLICATION

The hereto attached notice was published in THE
ADVOCATE, a daily newspaper of general circulation
published in Baton Rouge, Louisiana, and the Official
Journal of the State of Louisiana, City of Baton Rouge,
and Parish of East Baton Rouge or published daily in
THE TIMES-PICAYUNE/THE NEW ORLEANS
ADVOCATE, in New Orleans Louisiana or published
daily in THE ACADIANA ADVOCATE in the following
issues:

12/5/2022



Joy Newman, Public Notices Representative

Sworn and subscribed before me, by the person whose signature
appears above

7 Dec 2022



M. Monic McChristian,

Notary Public ID#88293

State of Louisiana

OFFICE OF CONSERVATION My Commission Expires: Indefinite

JAN 04 2023

INJECTION & MINING DIVISION



Ad No: 16163

Andrew J. Chartrand
1333 West Loop South, Suite 830,
Houston, TX 77027

LEGAL NOTICE

Department of Natural
Resources
Office of Conservation
Injection & Mining
Division

River Parish Sequestra-
tion, LLC
WILDCAT-SO LA
LAFAYETTE DIST Field
Ascension Parish

Pursuant to LAC 43:XIX.
Chapter 47 et seq., River
Parish Sequestration,
LLC, 1333 West Loop
South, Suite 830, Hous-
ton, TX 77027 has re-
quested expedited pro-
cessing of Permit Appli-
cation No. 043669 for a
Class V stratigraphic test
well located in WILDCAT-
SO LA LAFAYETTE DIST
Field, in Section 25,
Township 11 South,
Range 13 East, Ascension
Parish, Louisiana. The ex-
pedited review process
does not shorten any ex-
isting time delays for
public notice, comment
period, hearing, or in any
way shorten or impinge
upon the public partici-
pation process. In accor-
dance with the Public
Records Act, R.S. 44:1 et
seq., all public records
concerning this request
for expedited processing
are available to the pub-
lic for inspection and
copying. Please address
all comments or in-
quiries to:

Stephen H. Lee, Director
Injection and Mining
Division
Office of Conservation
P.O. Box 94275
Baton Rouge, LA
70804-9275
Attn: Melissa Ashour

16163 Dec. 5 1t

OFFICE OF CONSERVATION

JAN 04 2023

INJECTION & MINING DIVISION

OFFICE OF CONSERVATION

DEC 15 2022

INJECTION & MINING DIVISION

December 14, 2022

Richard P. Ieyoub
Commissioner
Louisiana Department of Natural Resources
617 North Third Street
Baton Rouge, LA 70802

Dear Commissioner Ieyoub:

River Parish Sequestration, LLC, submitted Class-V Well Permit Applications to your office on October 26, 2022, for Palo Alto RPN-S #1 and Evan Belle ASMP RPN-S #1 test wells. In both of the applications, Andrew J. Chartrand was identified as the Agent/Contact (Box 40) and Timothy Watson provided the Certification by the Well Owner/Operator (Box 41). In accordance with LAC 43. XIX.105.D, I am submitting this letter to designate Timothy Watson as a duly authorized representative of River Parish Sequestration, LLC, and maintaining Andrew J. Chartrand as the Agent/Contact for the permit applications. I serve as a principal executive officer of River Parish Sequestration, LLC.

If you have any questions or comments, please contact me at (832) 696-0045 or oliver.tuckerman@blueskyinfrastructure.com.

Sincerely,



Oliver Tuckerman
Co-President
River Parish Sequestration, LLC

cc: Laura Sorey, Office of Conservation, Injection & Mining Division