Owner No.____ United States
Elevation____ Department of the Interior
Owner Phillip____ Address Vidor____
Location Sec. 16, T. 10 S., R. 11 W.
Driller____ Address Vidor La.
Depth of test hole____ ft. Depth of well 25-4____ ft.
Type of well: Dug, Driven, Bored, Drilled, Jet____ Completed____ 1948
Stratigraphic unit____ Log: D., E., (W or C)____
Casing: Kind____ size____ length____ ft.; between____ and____ ft.
Kind____ size____ length____ ft.; between____ and____ ft.
Kind____ size____ length____ ft.; between____ and____ ft.
Screen record (diam., opening, setting)____
Pump: Make and Type____ Stages: No.____ Diam.____ in.
Pump setting____ ft.; length and diameter of footpiece____ ft.____ in.
Capacity____ gpm; Column diameter____ in.
Power, kind:____ H.P.____ R.P.M.____
Static level____ ft., reft. meas.____ 19____ above, below____
____________________________________ which is____ ft. above, below land surfac
Pumping level____ ft. Yield____ gpm____ 19____
Drawdown____ ft. after pumping____ hours at____ gpm.____ 19____
Specific capacity____ while pumping____ gpm____ 19____; Hrs/day in use____
Use: Ind., Irr., P.S., (Dom., Stock) Obs., Test,____
Amount (gpd): Average____, maximum____, minimum____
Quality____
Odor____ Sample____ Date____ 19____ Temp. (OF)____
Source of data____
Recorded by____ Date____ 10/17/48____ Rescheduled by____ Date____
Remarks:____
(Revised May 1, 1958)____
Quadrangle____
Well No.____
LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
WATER RESOURCES SECTION
WATER WELL PLUGGING AND ABANDONMENT FORM (DOTD-GW-2)

1. WELL OWNER: (if different from owner when drilled, note in item 5)

   Stone & Sebster, Inc.

   ADDRESS: 1100 Milam St., St. 3424, Houston, Texas 77002

   OWNERS WELL NUMBER (if any) Hurlbert Farms 1

2. LOCATION OF WELL: Parish Calcasieu, Well is Near Winton

   Approximately 2 miles from I-10 going S., on 108--left (Crossroads, Town, City, Railroad, Any Landmark, etc.) on Gum Island Rd. to tee--left on Fabelcher 1/2 mi. & rt. x cattle-gate (Please indication back of Original)

3. WELL INFORMATION: Depth of hole ______ ft., Diameter of casing ______ in.

   Depth of completed well ______ ft., Date completed ______ by (Give name of water well contractor who installed well or hole): V. Brown, Inc.

4. Describe in detail how well or hole was plugged (materials used, amount of casing and/or screen removed, or left in hole, etc.).

   Pumped entire length of casing & screen full of cement slurry—Cut off top 2' of casing, two feet below ground level w/ torch, used 36 sks. cement & 3 sks. pol.

5. REMARKS

   I certify that this work was done and completed in accordance with Rules and Regulations of the State on ______ by (name and no of contractor): V. Brown, Inc. WW-034

   Authorized Signature: [Signature]

   Date 8/1/89

   State 22 Parish C Parish Local Well No. 0/9 Identification Number OFFICE USE ONLY

   Section 0 Township Quad No

   Range 0

   (REV 11/85)
PLEASE PRINT IN INK OR TYPE WHEN COMPLETING THIS FORM

1. USE OF WELL (Check Appropriate Box)
   - DOMESTIC
   - RIG SUPPLY
   - MONITORING
   - HEAT PUMP SUPPLY
   - HEAT PUMP HOLE
   - ABANDONED PILOT HOLE
   - OTHER

2. WELL OWNER: Stone & Lobster, Inc. PHONE ( )
   (Please Specify)

3. ADDRESS: 1100 Milam St., Ste. 3434, Houston, Texas 77002

4. OWNER'S WELL NUMBER OR NAME (if any): Hurlbert Farms

5. DATE COMPLETED: 5/24/89 DEPTH OF HOLE: 465 FT. DEPTH OF WELL: 465 FT.

6. STATIC WATER LEVEL: 75 FT. BELOW GROUND SURFACE MEASURED ON (Date)

7. CASING: 4 IN. STEEL OR PVC SCH. 40 LENGTH: 445 FT.

8. SCREEN: 4 IN. STEEL OR PVC SCH. 40 SLOT SIZE: .40 LENGTH: 20 FT.

9. CEMENTED FROM: 50 FT. TO GROUND SURFACE, USING ____________________________________________
   - PUMP-DOWN METHOD
   - GRAVITY METHOD

10. LOCATION OF WELL: PARISH: Calcasieu WELL IS NEAR: Vinton
     TOWN OR CITY:

11. APPROXIMATELY: 2 MILES FROM: I-10 going S. on La. 100 go left on gravel (Craw Island
     Crossroads, Railroad, Any Landmark, etc.)
     (Please draw sketch on back of Original)

12. DRILLER'S LOG (Description and color of cuttings, such as clay, sand, etc., in feet)

<table>
<thead>
<tr>
<th>FROM</th>
<th>TO</th>
<th>DESCRIPTION</th>
<th>FROM</th>
<th>TO</th>
<th>DESCRIPTION</th>
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<tr>
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<tr>
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<td>Clay/Shell streaks</td>
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<tr>
<td>360</td>
<td>420</td>
<td>Clay</td>
<td>420</td>
<td>465</td>
<td>Coarse Sand &amp; Gravel</td>
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13. FOR HEAT PUMP HOLES ONLY AVG. DEPTH _______ FT. NUMBER OF HOLES _______

14. TUBING MATERIAL: PVC, PE, PB, OTHER

ABANDONMENT INFORMATION: DOES THE NEW WELL REPLACE AN EXISTING WELL? YES NO

(DOTD'S COPY)

H. Brown, Inc.
Name of Water Well Contractor

LICENSE NUMBER: WWC-034
Authorized Signature 5/25/89

MAIL ORIGINAL TO:
LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
ATTN: CHIEF - WATER RESOURCES SECTION
P.O. BOX 94245
BATON ROUGE, LA 70804-9245
(504) 379-1434

FOR OFFICE USE ONLY
STATE: 22  PARISH: 019  LOCAL WELL NO: 71072

IDENTIFICATION NUMBER: 301147093291301
OWNER'S NAME: STONE & WEBSTER
WELL DEPTH: 0465 FT. USE OF WELL:

Date Completed: 05/19

INSPECTION:

INSPECTED BY:

Date: ____________________________
Remarks: ____________________________

CONTRACTOR'S NAME: H. BROWN
SECTION: 01
TOWNSHIP: 10S
RANGE: 11W
HOLE DEPTH: ODA5S
ELEV: 0015
QUAD NO: 0117

REV. 11/85
WELL LOCATION
STONE & WEBSTER OIL COMPANY, INC.
Hurlbut Farms No. 1

From the Northeast corner of Section 16, T1OS-R11W, go South along the East line of Section 600 feet, thence West 500 feet to the Location.
Ground Elevation 13.1

We hereby certify that we staked the above Well Location as shown April 6, 1989.
Whitaker & Webb-Civil Engineers

PHILIP L. WHITAKER
L.A. REG. NO. 3915

STONE & WEBSTER OIL COMPANY, INC.
WELL LOCATION
NORTH CHOUPIQUE FIELD
SECTION 16, T1OS-R11W
CALCASIEU PARISH, LOUISIANA
SCALE 1"=1000' APRIL 7, 1989
**Louisiana Department of Transportation and Development**

**Water Resources Section**

**Water Well Registration Short Form (DOTD-GW-1S)**

1. **Use of Well** (Check Appropriate Box)
   - [ ] Domestic
   - [ ] Rig Supply
   - [ ] Monitoring
   - [ ] Piezometer
   - [ ] Recovery
   - [ ] Heat Pump Hole
   - [ ] Heat Pump Supply
   - [ ] Abandoned Pilot Hole
   - [ ] Other

2. **Well Owner**
   - Neumun Production
   - Phone (361) 987-8911

3. **Well Owner's Address**
   - PO Box 769, Point Domfort, TX 77978

4. **Owner's Well Number or Name (If Any)**
   - H.C. Drew Manuel Estate 15-1

5. **Date Completed**
   - 12/9/00
   - Depth of Hole: 160 ft
   - Depth of Well: 160 ft

6. **Static Water Level**
   - 40 ft below ground surface measured on 12/9/00

7. **Casing**
   - 4 in.
   - [ ] Metal
   - [x] Plastic
   - [ ] Other
   - Length: 140 ft

8. **Screen**
   - 4 in.
   - [x] Metal
   - [x] Plastic
   - [ ] Other
   - Slot Size: 18
   - Length: 20 ft

9. **Cemented From**
   - 50 ft to ground surface, using
   - [x] Pump Down Method
   - [ ] Gravity Method

10. **Location of Well**
    - Parish: Calcasieu
    - Well is near, N. Choupique
    - (Town or City)
    - Approximately _______ miles from __________

    (Crossroads, Railroad, Any Landmark, etc.)

11. **Remarks**
    - Serial # 225207

12. **Driller's Log** (Description and color of cuttings, such as shale, sand, etc. in feet)

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<td>Med. Sand</td>
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<tr>
<td>150</td>
<td>170</td>
<td>Coarse Sand</td>
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</table>

13. **For Heat Pump Only**
    - Avg. Depth _______ ft
    - Number of Holes __________

14. **Abandonment Information**
    - Does the new well replace an existing well? 
    - [ ] Yes
    - [ ] No

15. **Name of Person Who Drilled the Well**
    - Ray Deshotel

---

**Mail Original To:**

Lousiana Department of Transportation and Development
Attn.: Chief - Water Resources Section
P.O. Box 94245
Baton Rouge, LA 70804-9245
(504) 379-1434

**For Office Use Only**

<table>
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**Identification Number**

301 13 40932838

**Revised Coordinates**

Geologic Unit

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**Elev.**

0013 177A

**Input By**

WLD

**Date**

1-29-01

**Inspected By**

K. Woodard

**Date**

2-5-01

**Remarks**

FOR MONITOR/PIEZOE/RECOVERY WELLS ONLY

**Latitude**

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<th>RANGE</th>
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**Longitude**

<table>
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<th>QUAD NO.</th>
</tr>
</thead>
</table>

**Site Address**

DOTD'S COPY

---
I, Donald W. Gladfelter, Jr., hereby certify that the location of Neumin Production Co.'s H. C. Drew Manuel Estate "15" No. 1 is as follows: S88°51' E 2612' and N01°09' E 3366' from the Southwest corner of Section 15, T 10 S - R 11 W, Calcasieu Parish, Louisiana.

Registered Land Surveyor No. 4854

STATE OF LOUISIANA

A E INC.
ACADIAN ENGINEERS
ENVIRONMENTAL CONSULTANTS INC.
EUNICE, LOUISIANA

PROJECT NO.: 00-AE-40/MAUDEL15#1
DRAWN BY: D. Gladfelter
DATE: 12-1-00
SCALE: 1"=1000'

LOUISIANA OFFICE OF CONSERVATION
NEUMIN PRODUCTION COMPANY
PERMIT PLAT
CALCASIEU PARISH, LOUISIANA
1. WELL OWNER: (if different from owner when drilled, note in item 5) 
   The Pickens Company
   ADDRESS: 8111 Preston Road, Suite 800, Dallas, TX 75225
   OWNERS WELL NUMBER (if any) Drew Manuel Training School #2

2. LOCATION OF WELL: Parish: Calcasieu, Well is near, 
   Approximately miles from (Crossroads, Town, City, Railroad, Any Landmark, etc.)

(Please draw sketch on back of Original)

3. WELL INFO: Casing material PVC, Diameter of casing 4 in., 
   Depth of well 180 ft., Date drilled 5/16/01 by (give name of water well contractor who installed well or hole): Guichard Operating

4. Describe in detail how well or hole was plugged: (materials used, amount of casing and/or screen removed, or left in hole, etc.) Recovered 126' of drop Pipe & well head. Circulated cement from 180' to 3'. Used 9 sacks of cement + 8% gel.

5. REMARKS: Serial # 225654
   SPA

I certify that this work was done and completed in accordance with Rules and Regulations of the State on 8/3, 2001 by (name and no. of contractor) Guichard Operating Co., Inc. WWC: 190

Authorized Signature: [Signature] Date: 8/9/01

State: LA Parish: 22 Local Well No: 019 Identification Number: 3011240932902

OFFICE USE ONLY
Section: 01 Township: 015 Range: 011N Quad. No: 177A

Elev. 141

(REV 8/92)

DOTD'S COPY

Form provided by Forms On-A-Disk, Inc. · Dallas, Texas · (214) 340-8429
1. USE OF WELL (Check Appropriate Box)  
- DOMESTIC  
- RIG SUPPLY  
- MONITORING  
- PIEZOMETER  
- RECOVERY  
- HEAT PUMP HOLE  
- HEAT PUMP SUPPLY  
- ABANDONED PILOT HOLE  
- OTHER  

(Please Specify)

2. WELL OWNER: The Pickens Company  
PHONE: 214/369-7471

3. WELL OWNER'S ADDRESS: 8111 Preston Road, Suite 800, Dallas, TX 75225-6378

4. OWNER’S WELL NUMBER OR NAME (if any): Drew Manual Training School # 2

5. DATE COMPLETED: 5/15/01  
DEPTH OF HOLE: 180 FT.  
DEPTH OF WELL: 180 FT.

6. STATIC WATER LEVEL: 35 FT. BELOW GROUND SURFACE  
MEASURED ON: 5/15/01

7. CASING: 4 IN  
- METAL  
- PLASTIC  
- OTHER  
LENGTH: 160 FT

8. SCREEN: 4 IN  
- METAL  
- PLASTIC  
- OTHER  
SLOT SIZE: 18  
LENGTH: 20 FT

9. CEMENTED FROM: 50 FT. TO GROUND SURFACE, USING: PUMP DOWN METHOD

10. LOCATION OF WELL: PARISH: Calcasieu  
WELL IS NEAR: N. Choupique (Town or City)

APPROXIMATELY: MILES FROM: (Crossroads, Railroad, Any Landmark, etc.)

(Please draw sketch on back of original)

11. REMARKS: Serial # 225654

12. DRILLER’S LOG (Description and color of cuttings, such as shale, sand, etc., in feet)

<table>
<thead>
<tr>
<th>FROM</th>
<th>TO</th>
<th>DESCRIPTION</th>
<th>FROM</th>
<th>TO</th>
<th>DESCRIPTION</th>
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</thead>
<tbody>
<tr>
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<td>Clay</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>140</td>
<td>160</td>
<td>Fine Sand</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>160</td>
<td>180</td>
<td>Coarse Sand</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

13. FOR HEAT PUMP ONLY: AVG. DEPTH FT.  NUMBER OF HOLES

14. ABANDONMENT INFORMATION: DOES THE NEW WELL REPLACE AN EXISTING WELL?  
YES ☐  NO ☑

15. NAME OF PERSON WHO DRILLED THE WELL: Sean Maloney

Guichard Operating Co., Inc.
License Number: WW C - 190
Authorized Signature: [Signature]

MAIL ORIGINAL TO:
LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT  
ATTN: CHIEF - WATER RESOURCES SECTION  
P.O. BOX 94245  
BATON ROUGE, LA 70804-9245  
(225) 379-1424

FOR OFFICE USE ONLY
PARISH: 019  
WELL NO: 124444

IDENTIFICATION NUMBER: 3011240932902

REVISED COORDINATES: [Field]

Geologic Unit: [Field]

Use of Well: [Field]

SECTION: 015  
TOWNSHIP: 105  
RANGE: 11 W

ELEV: 0014  
QUAD NO: 7771

INPUT BY: [Signature]  
DATE: 01/25/01

INSPECTED BY: [Signature]  
DATE: 01/25/01

REMARKS:

FOR MONITOR/PIEZOMETER/RECOVERY WELLS ONLY

LATITUDE: [Field]

LONGITUDE: [Field]

SECTION: [Field]

TOWNSHIP: [Field]

RANGE: [Field]

ELEV: [Field]

QUAD NO: [Field]

SITE ADDRESS: [Field]

DOTD’S COPY

Form provided by Forms-On-A-Disk, Inc. · Dallas, Texas · (214) 340-9429

(REV 7/93)
NOTE:
DISTANCES FROM PROPOSED LOCATION
TO WHITESTONE #1, DREW MANUAL
TRAINING SCHOOL #1 AND TO UNIT
LINE WERE CALCULATED.

THE PICKENS COMPANY, INC.
Drew Manual Training School No. 2
LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
WATER RESOURCES SECTION
WATER WELL PLUGGING AND ABANDONMENT FORM (DOTD-GW-2)

1. WELL OWNER: (if different from owner when drilled, note in item 5)
   STATE OF LA. LA DEPT
   ADDRESS: W. I-10 REST STOP
   OWNERS WELL NUMBER (if any)

2. LOCATION OF WELL: Parish  CAL.  Well is Near, VINTON, LA.
   Approximately 5 miles from I-10 7 HWY. 27
   (Crossroads, Town, City, Railroad, Any Landmark, etc.)

3. WELL INFO: Casing material METAL, Diameter of casing 4 in.
   Depth of well 400 ft., Date drilled N/A by (give name
   of water well contractor who installed well or hole).
   N/A

4. Describe in detail how well or hole was plugged (materials used, amount of casing
   and/or screen removed, or left in hole, etc.). PUMPED CEMENT FROM
   BOTTOM BACK TO SURFACE

5. REMARKS:
   I certify that this work was done and completed in accordance with Rules and Regulations of
   the State on JAN. 07, 1902 by (name and no. of contractor) RUTHERFORD WATER WELL
   Authorized Signature. Date 1/08/02

   S-83 Parish Local Well No Identification Number OFFICE USE ONLY Section Township Range Quad No
   22 019 -127407 301216 0 932814 0 0 105 11W 177A

   (REV. 6/92)
<table>
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<td>W</td>
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<td>177A</td>
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Section Number: 110

Ground Elevation: 14

Inspector: KEN WOODARD

RUTHERFORD (W) WATER WELL
3031 HWY. 14 EAST
LAKE CHARLES, LA 70605

WELL OWNER
LA. D.O.T.D.
W. I-10 Rest Stop
VINTON, LA.

WELL CONTRACTOR

127472

To: VINTON

Rest Area 143'

I-10 West Bound 0.24m.

5.50 mi.

I-10 EAST Bound

K

To: HACKBERRY

LA. 21

Sulphur

LA. 27
LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
WATER RESOURCES SECTION
WATER WELL PLUGGING AND ABANDONMENT FORM (DOTD-GW-2)

1. WELL OWNER: (if different from owner when drilled, note in item 5)
   James A. Whitson, Jr.
   ADDRESS: 7660 Woodway #312, Houston, TX 77063
   OWNERS WELL NUMBER (if any) Manuel # 1

2. LOCATION OF WELL: Parish: Calcasieu, Well is near, Pine Ridge
   Approximately ____________________ miles from
   (Crossroads, Town, City, Railroad, Any Landmark, etc.)

   (Please draw sketch on back of Original)

3. WELL INFO: Casing material PVC, Diameter of casing 4 In.,
   Depth of well 160 ft., Date drilled 03/23/05 by (give name
   of water well contractor who installed well or hole):
   Guichard Operating

4. Describe in detail how well or hole was plugged: (materials used, amount of casing
   and/or screen removed, or left in hole, etc.)
   Recovered 105' of drop pipe & well head.
   Circulated cement from 160' to 3'.
   Used 8 sacks of cement + 8% gel.

5. REMARKS: Serial # 231039

   I certify that this work was done and completed in accordance with Rules and Regulations of
   the State on 05/02, 200 5 by (name and no. of
   Contractor) Guichard Operating Company, Inc. WWC: 190
   Authorized Signature: ____________________________ Date: 05/05/05

State Parish Local Well No. Identification Number OFFICE USE ONLY
[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

(Rev. 4/02)

DOTD'S COPY
Louisiana Department of Transportation and Development
Water Resources Section
Water Well Registration Short Form (DOTD-GW-15)

Please print in ink or type when completing this form

1. Use of well (check appropriate box)
   - ☐ Domestic
   - ☑ Rig Supply
   - ☐ Monitoring
   - ☐ Piezometer
   - ☐ Recovery
   - ☐ Heat Pump Hole
   - ☐ Heat Pump Supply
   - ☐ Abandoned Pilot Hole
   - ☐ Other

2. Well owner: James A. Whitson, Jr.
   Phone: 713/975-8963

3. Well owner's address: 7660 Woodway, Suite 312, Houston, TX 77063

4. Owner's well number or name (if any): Manuel #1

5. Date completed: 03/23/05
   Depth of hole: 160 ft.
   Depth of well: 160 ft

6. Static water level: 33 ft
   From ground surface
   Measured on: 03/23/05

7. Casing: 4 in
   - ☑ Plastic
   - ☐ Metal
   - ☐ Other
   Length: 140 ft

8. Screen: 4 in
   - ☑ Plastic
   - ☐ Metal
   - ☐ Other
   Slot size: 18
   Length: 20 ft

9. Cemented from: 50 ft. to ground surface, using:
   - ☑ Pump Down Method
   - ☐ Gravity Method

10. Location of well:
     Parish: Calcasieu
     Well is near: Pine Ridge
     (Town or City)

     Approximately: Miles from
     (Crossroads, Railroad, Any Landmark, etc.)

11. Remarks: Serial # 231039

12. Driller's log (description and color of cuttings, such as shale, sand, etc. in feet)

<table>
<thead>
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<tr>
<td>140</td>
<td>160</td>
<td>Coarse Sand</td>
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13. For heat pump only: Avg. depth: ___________ ft.
    Number of holes: ___________

14. Abandonment information: Does the new well replace an existing well? □ Yes □ No

15. Name of person who drilled the well: Mike Legnion

(Rev. 7/93)

DOTD's Copy

Form provided by Forms-On-A-Disk, Inc. - Dallas, Texas - (214) 340-8429
Drew Manual Training School

Sec. 10

Thomas D. Watson

Sec. 11

Sec. 15

Salutes-
Drew Manual T.S.

Drew Manual Training School

Pickens Co -
Drew Manual T.S.
James A. Whitson, Jr.
Lessee

LOCATION:
James A. Whitson, Jr. -
Drew Manual T.S.
No. 1 Well
X= 1,324,731.77
Y= 3559,873.26
Lat: 30°11'21" (NAD 83)
Long: 93°28'15"
(ELEV +12")

Sec. 14

RECEIVED
MAR 10, 2005
OFFICE OF CONSERVATION
LAFAYETTE DISTRICT

Sec. 22

Jack Edward Lawton, et al

James A. Whitson, Jr. - Drew Manual T.S. No. 1 Well
Surveyed December 1, 2004 as follows:
Location being 1980' from the South Line
and 660' from the East Line of Section 15,
located in Section 15, T10S-R11W, Calcasieu Parish,
Louisiana.

Sec. 23

Elevation of Ground at Location +12" NGVD.
No residential or commercial structures exist
within a 500' radius of the proposed well
location on December 1, 2004.

JAMES A. WHITSON, JR.
Drew Manual T.S. No. 1 Well
Section 15, T10S-R11W
Calcasieu Parish, Louisiana


REVIEWED:

John W. Fenstermaker
Professional Land Surveyor
Registration No. 4797

MAY 06, 2005

Date: March 9, 2005
Proj. Mgr.: JMW
1. WELL OWNER: (If different from owner when drilled, note in item 5) MAYNE & MERTZ
   ADDRESS: 24 GREENWAY PLAZA SUITE 606, HOUSTON, TX 77046
   OWNERS WELL NUMBER (if any) GLOVER #1

2. LOCATION OF WELL: Parish: CALCASIEU, Well is near, VINTON
   Approximately 20.5 miles from GUM ISLAND RD
   (Crossroads, Town, City, Railroad, Any Landmark, etc.)
   HEADED NORTH ON LOCAL RD

3. WELL INFO: Casing material PVC, Diameter of casing 4 X 2 1/2 in.
   Depth of well 325 ft, Date drilled 4-26-06 by (give name of water well contractor who installed well or hole): Maxim's Water Well Service, Inc

4. Describe in detail how well or hole was plugged: (materials used, amount of casing and/or screen removed, or left in hole, etc.) PULLED DROPPING, PUMP AND MOTOR OUT OF WELL, CUT CASING AT GROUND, PUMPED DOWN 16.5 BAGS PORTLAND.

5. REMARKS:

I certify that this work was done and completed in accordance with Rules and Regulations of the State on 10-6 200 6 by (name and no. of contractor) MAXIM'S WATER WELL SERVICE WWC-086
Authorized Signature Date: 10/13/06

State Parish Local Well No. Identification Number OFFICE USE ONLY Section Township Range Quad. No.

(REV. 6/62)
MAXIM'S WATER WELL SERVICE, INC

USE OF WELL (Check Appropriate Box)
- DOMESTIC
- RIG SUPPLY
- MONITORING
- PIEZOMETER
- RECOVERY
- HEAT PUMP HOLE
- HEAT PUMP SUPPLY
- ABANDONED PILOT HOLE
- OTHER

WELL OWNER

PHONE (337)

WELL OWNER'S ADDRESS
24 GREENWAY PLAZA, SUITE 605, HOUSTON, TX 77046

OWNER'S WELL NUMBER OR NAME (if any)
GLOVER #1

DATE COMPLETED
4-25-06

DEPTH OF HOLE
325 FT

DEPTH OF WELL
325 FT

STATIC WATER LEVEL
50 FT BELOW GROUND SURFACE

MEASURED ON
4-25-06

CASING
4X2 1/2 IN

METAL
PLASTIC
OTHER
LENGTH
305 FT

SCREEN
2 1/2 IN

METAL
PLASTIC
OTHER
SLOT SIZE
0.08
LENGTH
20 FT

CEMENTED FROM
50 FT TO GROUND SURFACE, USING

PUMP DOWN METHOD

GRAVITY METHOD

LOCATION OF WELL
PARISH
CALCASIEU

WELL IS NEAR
VINCENT
(Town or City)

APPROXIMATELY
2.05 MILES FROM GUM ISLAND RD HEADED NORTH ON LOCAL RD
(Crossroads, Railroad, Any Landmark, etc)

REMARKS
LOC: GUM ISLAND

DRILLER'S LOG (Description and color of cuttings, such as shale, sand, etc. in feet)

<table>
<thead>
<tr>
<th>FROM</th>
<th>TO</th>
<th>DESCRIPTION</th>
<th>FROM</th>
<th>TO</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>TOP SOIL</td>
<td></td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>210</td>
<td>CLAY</td>
<td>210</td>
<td>215</td>
<td>FINE SAND</td>
</tr>
<tr>
<td>215</td>
<td>295</td>
<td>CLAY</td>
<td>295</td>
<td>325</td>
<td>COARSE SAND</td>
</tr>
</tbody>
</table>

FOR HEAT PUMP ONLY AVG. DEPTH FT NUMBER OF HOLES

ABANDONMENT INFORMATION. DOES THE NEW WELL REPLACE AN EXISTING WELL? YES [ ] NO [x]

NAME OF PERSON WHO DRILLED THE WELL: RON FONTENOT

DATE: 10/13/2006

MAIL ORIGINAL TO:
LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
ATTN: CHIEF, WATER RESOURCES SECTION
P.O. BOX 94245
BATON ROUGE, LA 70804-9245
(225) 379-1434

FOR OFFICE USE ONLY

PARISH
OREGON

WELL NO
019 141387

IDENTIFICATION NUMBER
3012110932805 01

REVISED COORDINATES

SECTIONS
TOWNSHIPS
RANGES

USE OF WELL

ELEV
QUAD. NO.

INPUT BY
12/18/06

INSPECTED BY
10/08/06

REMARKS:

FOR MONITOR/PIEZO/RECOVERY WELLS ONLY

LATITUDE

LONGITUDE

SITE ADDRESS:

DOTD

(REV. 1/93)
SEC. 15

No residential or commercial structures, not owned by applicant, his lessee, or other predecessor in interest, were situated within a 300' radius of this location on April 24, 2006.

I, Harold E. King, Jr., hereby certify that the proposed location of Mayne & Mertz, Inc.'s Glover No. 1 is described as follows:

PROPOSED SURFACE LOCATION Being S32°04'57"E 20,435' from NGS Mon. EDGERLEY, to location in Sec. 11, T10S-R11W, Calcasieu Parish, LA.

PROPOSED BOTTOM HOLE LOCATION Being N43°48'39"W 1,158' from the proposed surface location and located in Sec. 10, T10S-R11W, Calcasieu Parish, LA.

HAROLD E. KING, JR.
PROFESSIONAL LAND SURVEYOR
LOUISIANA REGISTRATION NO. 4519
PRINCIPAL

MAYNE & MERZT, INC.
GLOVER NO. 1
SECTION 11, T 10 S - R 11 W
CALCASIEU PARISH, LOUISIANA

DATE: 04/24/2006
1. USE OF WELL (Check Appropriate Box)
   - [ ] DOMESTIC
   - [ ] RIG SUPPLY
   - [ ] MONITORING
   - [ ] PIEZOMETER
   - [ ] RECOVERY
   - [ ] HEAT PUMP HOLE
   - [ ] HEAT PUMP SUPPLY
   - [ ] ABANDONED PILOT HOLE
   - [ ] OTHER
   (Please Specify)

2. WELL OWNER: MAYNE & MERTZ
   PHONE: (337) 232-1200

3. WELL OWNER'S ADDRESS: 24 GREENWAY PLAZA, SUITE 605 HOUSTON TX 77046

4. OWNER'S WELL NUMBER OR NAME (If any): DREW ESTATE 14 #1

5. DATE COMPLETED: 7/13/2010
   DEPTH OF HOLE: 380 FT.
   DEPTH OF WELL: 380 FT.

6. STATIC WATER LEVEL: 60 FT. BELOW GROUND SURFACE
   MEASURED ON: 7/13/2010
   (Date)

7. CASING: 4 IN
   [ ] METAL
   [ ] PLASTIC
   [ ] OTHER
   LENGTH: 360 FT

8. SCREEN: 4 IN
   [ ] METAL
   [ ] PLASTIC
   [ ] OTHER
   SLOT SIZE: 0.10
   LENGTH: 20 FT

9. CEMENTED FROM: 0-50 FT. TO GROUND SURFACE, USING
   [X] PUMP DOWN METHOD
   [ ] GRAVITY METHOD

10. LOCATION OF WELL: PARISH: CALCASIEU
    WELL IS NEAR: SULPHUR
        (Town or City)

    APPROXIMATELY: 1.36 MILES FROM CHOUPIQUE ROAD HEADED WEST ON GUM ISLAND RD
        (Crossroads, Railroad, Any Landmark, etc.)

11. REMARKS: LOC: GUM ISLAND RD, SULPHUR

12. DRILLER'S LOG (Description and color of cuttings, such as shale, sand, etc., in feet)

<table>
<thead>
<tr>
<th>FROM</th>
<th>TO</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>2</td>
<td>TOP SOIL</td>
</tr>
<tr>
<td>2</td>
<td>130</td>
<td>CLAY</td>
</tr>
<tr>
<td>130</td>
<td>145</td>
<td>COARSE SAND</td>
</tr>
<tr>
<td>145</td>
<td>320</td>
<td>CLAY</td>
</tr>
<tr>
<td>320</td>
<td>380</td>
<td>COARSE SAND</td>
</tr>
</tbody>
</table>

13. FOR HEAT PUMP ONLY: AVERAGE DEPTH _______ FT.

14. ABANDONMENT INFORMATION: DOES THE NEW WELL REPLACE AN EXISTING WELL?
    [ ] YES  [X] NO

15. NAME OF PERSON WHO DRILLED THE WELL: GUICHARD OPERATING COMPANY

REV 7/93
Updated 4/06

DOTD'S COPY
Drew Manual Training School

PROPOSED BHL
NAD 1927 (South Zone)
X = 1,326,870'
Y = 558,827'

PROPOSED SURFACE LOCATION
Gr. Elev. = 10'
NAD 83
Lat. = 30° 11' 04"
Long. = 93° 27' 55"
NAD 1927 (South Zone)
X = 1,328,450'
Y = 558,109'

NOTE:
No Residential or Commercial Structures within 500' of Proposed Location.

LOUISIANA OFFICE OF CONSERVATION
MAYNE & MERTZ, INC.
Drew Estate 14 No. 1
CALCASIEU PARISH, LOUISIANA

REGISTRATION LAND SURVEYOR NO. 5032
C. L. JACK STELLY & ASSOCIATES, INC.
FILE NO. 19708-L11.DWG

JUNE 17, 2010
WELL OWNER: (If different from owner when drilled, note in item 5)  
MAYNE & MERTZ  
ADDRESS: 24 GREENWAY PLAZA SUITE 605 HOUSTON, TX 77046  
OWNERS WELL NUMBER (if any)  
DREW ESTATE 14 NO.1  

LOCATION OF WELL: Parish: CALCASIEU, Well is near SULPHUR  
Approximately 1.36 miles from CHOUPIQUE ROAD  
(Crossroads, Town, City, Railroad, Any Landmark, etc.)  
HEADED WEST ON GUM ISLAND ROAD  

WELL INFO: Casing material PVC, Diameter of casing 4 in.  
Depth of well 380 ft, Date drilled 7/13/2010 by (give name of water well contractor who installed well or hole): MAXIM'S WATER WELL  

4. Describe in detail how well or hole was plugged: (materials used, amount of casing and/or screen removed, or left in hole, etc.)  
PULLED DROP PIPE, PUMP AND MOTOR OUT OF WELL, CUT CASING AT 5' BELOW GROUND. PUMPED DOWN 4 BAGS OF PORTLAND.  

5. REMARKS: LOC: GUM ISLAND ROAD, SULPHUR  

I certify that this work was done and completed in accordance with Rules and Regulations of the State on SEPTEMBER 23, 2010 by (name and no. of contractor)  
MAXIM'S WATER WELL SERVICE, INC. WWC 085  
Authorized Signature  
Date: 10/05/2010  

Office of Conservation  
OCT 12 2011  

Environmental Division  

Office of Conservation  
NOV 04 2010  

Environmental Division  

11205LC
**WATER WELL INSPECTION REPORT**

**WELL NO.** 151127  **LATITUDE** 30° 11' 05"  **LONGITUDE** 93° 27' 54"

<table>
<thead>
<tr>
<th>Annular space is properly grouted</th>
<th></th>
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<tbody>
<tr>
<td>Proper sanitary seal provided</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A vent (breather pipe) is provided</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A sampling tap is provided</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well is properly plugged and abandoned</td>
<td>✔</td>
<td></td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Well Location</strong></th>
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</thead>
<tbody>
<tr>
<td><strong>Source &amp; Contaminant</strong></td>
</tr>
<tr>
<td>Septic Tanks</td>
</tr>
<tr>
<td>Storm or Sanitary Sewer</td>
</tr>
<tr>
<td>Cesspools, outdoor privies, oxidation ponds, subsurface absorption fields, pits, etc.</td>
</tr>
<tr>
<td>Sanitary landfills, feed lots, manure piles, solid-waste dumps and similar installations</td>
</tr>
<tr>
<td>Another water well</td>
</tr>
<tr>
<td>Drainage canal, ditch or stream</td>
</tr>
</tbody>
</table>

<sup>1</sup>This distance may be reduced to 30 feet if the sewer is of cast iron with leaded joints or schedule 40 plastic pipe with water-tight joints.

<sup>2</sup>For domestic water wells, this distance may be reduced to 50 feet.

<sup>3</sup>This minimum distance requirement does not take into consideration the effects of interference from pumping nearby wells in the same aquifer.

<sup>4</sup>Horizontally measured from the water edge to the well at the highest water level which may have occurred in a 10 year period.

**Remarks:**

**Office of Conservation**

**OCT 12 2011**

**Environmental Division**

**INSPECTED BY:** Mary C. Marceaux  **DATE:** 9-9-11  **DISTRICT:** 07

**WELL OWNER:** Mayne E. Mertz
LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
WATER RESOURCES SECTION
WATER WELL REGISTRATION SHORT FORM (DOTD-GW-1S)

PLEASE PRINT IN INK OR TYPE WHEN COMPLETING THIS FORM

1. USE OF WELL (Check Appropriate Box)
   □ DOMESTIC □ RIG SUPPLY □ MONITORING □ PIEZOMETER □ RECOVERY
   □ HEAT PUMP HOLE □ HEAT PUMP SUPPLY □ ABANDONED PILOT HOLE □ OTHER
   (Please Specify)

2. WELL OWNER MAYNE & MERTZ PHONE (337) 232-1200

3. WELL OWNER’S ADDRESS 24 GREENWAY PLAZA, SUITE 605 HOUSTON TX 77046

4. OWNER’S WELL NUMBER OR NAME (if any) NICKLOS #1 - GLOVER #1

5. DATE COMPLETED 2/3/2011 DEPTH OF HOLE 220 FT. DEPTH OF WELL 220 FT.

6. STATIC WATER LEVEL 40 FT. BELOW GROUND SURFACE MEASURED ON 2/3/2011
   (Date)

7. CASING 4X2 1/2 IN □ METAL □ PLASTIC □ OTHER LENGTH 200 FT

8. SCREEN 2 1/2 IN □ METAL □ PLASTIC □ OTHER SLOT SIZE .008 LENGTH 20 FT

9. CEMENTED FROM 0-50 FT. TO GROUND SURFACE, USING □ PUMP DOWN METHOD OR □ GRAVITY METHOD

10. LOCATION OF WELL: PARISH CALCASIEU WELL IS NEAR, VINTON
    (Town or City)
    APPROXIMATELY 2.09 MILES FROM GUM ISLAND ROAD HEADED NORTH ON LOCAL ROAD
    (Crossroads, Railroad, Any Landmark, etc.)

(Please draw sketch on back of Original)

11. REMARKS: LOC: GUM COVE, VINTON

12. DRILLER’S LOG (Description and color of cuttings, such as shale, sand, etc. in feet)

<table>
<thead>
<tr>
<th>FROM</th>
<th>TO</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>2</td>
<td>TOP SOIL</td>
</tr>
<tr>
<td>2</td>
<td>130</td>
<td>CLAY</td>
</tr>
<tr>
<td>130</td>
<td>165</td>
<td>CLAY BLUE</td>
</tr>
<tr>
<td>165</td>
<td>190</td>
<td>FINE SAND AND CLAY</td>
</tr>
<tr>
<td>190</td>
<td>220</td>
<td>COARSE SAND</td>
</tr>
</tbody>
</table>

13. FOR HEAT PUMP ONLY: AVG. DEPTH FT. NUMBER OF HOLES

14. ABANDONMENT INFORMATION: DOES THE NEW WELL REPLACE AN EXISTING WELL? YES □ NO □

15. NAME OF PERSON WHO DRILLED THE WELL: MIKEY LEJEUNE

MAXIM’S WATER WELL SERVICE, INC.
Name of Water Well Contractor LICENSE NUMBER WW-C-085

MAIL ORIGINAL TO:
LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
ATTN: CHIEF - WATER RESOURCES SECTION
P. O. BOX 94245
BATON ROUGE, LA 70894-9245
(225) 274-4172

FOR OFFICE USE ONLY
PARISH WELL NO.
019 152552

IDENTIFICATION NUMBER

REVISED COORDINATES

Geologic Unit

SECTION TOWNSHIP RANGE

Use of Well

ELEV. QUAD NO.

INPUT BY: DATE: 3-17-11
INSPECTED BY: DATE:

REMARKS:

FOR MONITOR/PIEZO/RECOVERY WELLS ONLY

LATITUDE LONGITUDE

SECTION TOWNSHIP RANGE

ELEV. QUAD NO.

SITE ADDRESS:

DOTD’S COPY

(REV 7/91)
Updated 4/90
I, Ronald E. Prather, hereby certify that the proposed location of Mayne & Mertz, Inc.'s Y RA SUA; Glover No. 1 is described as follows:

SURFACE LOCATION Being S32°02'46"E 20,467' from NGS Mon. EDGERLEY, to location in Sec. 11, T10S-R11W, Calcasieu Parish, LA.

PROPOSED BOTTOM HOLE LOCATION Being N42°53‘02"W 1,187' from the surface location and located in Sec. 10, T10S-R11W, Calcasieu Parish, LA.
Office of Conservation

MAY 9-6 2013

Environmental Division
August 3, 2011

State of Louisiana
Department of Natural Resources
Environmental Division
Box 94275
Baton Rouge, Louisiana 70804

Reference: Assignment and Bill of Sale of Water Wells
Ground Water Resources Well #10-0577  019-152552
Ground Water Resources Well #10-0540  019-149252
Calcasieu Parish, LA

Gentlemen:

Enclosed, herewith, please find an Assignment and Bill of Sale of Water Wells referred to by the Office of Conservation as Ground Water Resources Wells #10-0577 and #10-0540. These are being assigned to Mr. Thomas Watson pursuant to the terms of an Oil, Gas and Mineral Lease between the parties.

Should you have any questions, please contact the undersigned or Howard Mayne at (713) 963-0031.

Sincerely,

MAYNE & MERTZ, INC.

Richard D. Eicher
Senior Landman

RDE/pb
Enclosure

xc: Thomas Watson
ASSIGNMENT AND BILL OF SALE
OF WATER WELLS

STATE OF LOUISIANA §

§ KNOW ALL ME BY THESE PRESENTS:

PARISH OF CALCASIEU §

THAT, this Assignment and Bill of Sale of Water Well is made effective as of the 1st day of July, 2011 by Mayne & Mertz, Inc., whose address is 24 Greenway Plaza, Suite 605, Houston, Texas 77046, hereinafter referred to as “Assignor”, and Thomas Watson, whose address is 1601 Sarah Drive, Lake Charles, Louisiana 70605 hereinafter collectively referred to as “Assignee”.

WHEREAS, Assignor is the owner of two (2) water wells identified by GRW ID 10-0540 (the “Watson”) and GWR ID 10-0577 (the “Glover”) (collectively referred to as the “Water Wells”) and located on or in close proximity to that certain tract or parcel of land containing 299 acres, more or less, being described as a portion of the South Half of the South Half (S/2 of S/2) of Section 11 and a portion of the West Half of the East Half (W/2 of E/2) and the Northeast Quarter (NE/4) of Section 14, Township 10 South, Range 11 West, Calcasieu Parish, Louisiana.

WHEREAS, Assignees desire to acquire, and Assignor desires to convey to Assignees, all of Assignors, right, title and interest to the aforementioned Water Wells.

NOW, THEREFORE, for Ten Dollars ($10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor does hereby grant, bargain, sell, convey, assign, transfer, set over, and deliver unto Assignees, without warranty of title, either express or implied, its ownership in and to those certain Water Wells located upon the lands described hereto.

Assignees shall be responsible for all claims, demands, costs, expenses and liabilities, incident to or resulting from further use and operation of the Water Well assigned hereby, from and after the effective date hereof and further agrees to assume all obligations and responsibilities with regard to the plugging and abandonment of the Water Well assigned hereby. Said Water Well shall be operated, maintained, and if required plugged and abandoned in full compliance and accordance with any applicable State or Federal statutes, rules, and/or regulations and Assignee shall hold Assignor harmless from all claims associated therewith.

IN WITNESS WHEREOF, this Assignment and Bill of Sale of Water Well is effective this 1st day of July, 2011, for all purposes.

ATTEST/WITNESS:

[Signature]

ASSIGNOR:

MAYNE & MERTZ, INC.

By: [Signature]

R. Carter Cline
Attorney In Fact
STATE OF TEXAS

COUNTY OF HARRIS

I hereby certify, that on this day, before me a Notary Public duly authorized in the state and county aforesaid to take acknowledgments, personally appeared R. CARTER CLINE, ATTORNEY IN FACT to me known to be the person described in and who executed the forgoing instrument in the capacity set forth.

Gloria Collins
Notary Public in and for Harris County, Texas
My commission expires: 2/2/2013

STATE OF LOUISIANA

PARISH OF CALCASIEU

On this 12th day of July, 2011, before me personally appeared Thomas D. Watson, Jr., to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

Ginger Sonnier Little
Notary Public in and for Calcasieu Parish, Louisiana
My commission expires: __________________________
STATE OF LOUISIANA

PARISH OF CALCASIEU

On this 12th day of July, 2011, before me personally appeared Carol A. Watson, to me known to be the person described in and who executed the foregoing instrument, and acknowledged that she executed the same as her free act and deed.

Ginger Sonnier Little
Notary Public in and for Calcasieu Parish, Louisiana
My commission expires: ____________________

Ginger Sonnier Little
Notary Public #008544
Calcassieu Parish, LA
Commission Expires at Death
1. **USE OF WELL** (Check appropriate box):
   - [ ] Domestic  [ ] Rig Supply  [ ] Monitoring
   - [ ] Piezometer  [ ] Heat Pump Hole  [ ] Heat Pump Supply
   - [ ] Recovery  [ ] Relief  [ ] Abandoned Pilot Hole
   - [ ] Other (please specify)

2. **WELL OWNER**: Five-Jab Inc  
   Phone: 281-356-7767

3. **WELL OWNER’S ADDRESS**:  
   PO Box 1063, Tomball, TX 77377

4. **OWNER’S WELL NUMBER OR NAME**: Drew Estate 14 SWD #1
   Serial Number (Rig Supply Only): 975069

5. **WELL INFORMATION**:
   - Date completed: 10/17/16
   - Depth of Hole: 280 ft. below ground surface
   - Depth of Well: 280 ft.
   - Static water level: 41 ft. below ground surface
   - Date Measured: 10/17/16
   - Casing: 4 in.  [ ] Metal  [ ] Plastic  [ ] Other
   - Length: 260 ft.
   - Screen: 4 in.  [ ] Metal  [ ] Plastic  [ ] Other
   - Slot size: 18 in.
   - Length: 20 ft.
   - Cemented from: 50 ft. to ground surface
   - Using: [ ] Pump down Method  [ ] Gravity Method

6. **LOCATION OF WELL**:
   - Latitude: 30° 11' 3.01"  
   - Longitude: -93° 27' 55.15"
   - Parish: Calcasieu
   - Physical Address:  
   - Well is Near, Sulphur  [ ] Approximately ________ miles from (Crossroads, Railroad, any Landmark, etc.)

7. **REMARKS**:  

8. **DRILLER’S LOG**:
   (Description and color of cuttings, such as shale, sand, etc. in feet below ground surface)

<table>
<thead>
<tr>
<th>FROM</th>
<th>TO</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>260</td>
<td>Clay</td>
</tr>
<tr>
<td>260</td>
<td>280</td>
<td>Coarse Sand</td>
</tr>
</tbody>
</table>

9. **FOR HEAT PUMP ONLY**: Avg. Depth: ________ ft.  # of Holes: ________

10. **DOES THE NEW WELL REPLACE AN EXISTING WELL?**  [ ] Yes  [ ] No
    If yes, has owner been informed of state regulations requiring plugging of abandoned wells?  [ ] Yes  [ ] No

11. **NAME OF PERSON WHO DRILLED THE WELL**: Mike Legnion
    
    I certify that this work was done and completed in accordance with Rules and Regulations of the State of Louisiana, including Chapter XII of Title 51, Public Health – Sanitary Code, if applicable, on: 10/17/16 (Date) by: Guichard Operating Company LLC (Name of Water Well Contractor).
    License No. WWC-190
    Authorized Signature: __________________________ Date: 11/10/16

---

**FOR OFFICE USE ONLY**

- PARISH:  
- WELL NO.:  
- GEOLOGIC UNIT:  

---

**FOR MONITOR/PIEZO/RECOVERY WELLS ONLY**

- SECTION  
- TOWNSHIP  
- RANGE  
- ELEVATION  
- QUAD NO.  

---

**FOR INSPECTOR USE ONLY**

- REGISTERED BY:  
- INSPECTED BY:  
- DATE: 12/20/16  
- REMARKS:
I, Harold E. King, Jr., Professional Land Surveyor, certify that the proposed well location depicted and described in this plat was surveyed in the field on June 15, 2016 by me or under my direction with accuracy and precision to the nearest foot. I have properly examined this survey and plat and have determined that it meets the minimum standards of practice for land surveying in the State of Louisiana.

I, Harold E. King, Jr., hereby certify that the proposed location of Five-Jab, Inc.'s Drew Estate 14 SWD No. 1 is described as follows:

PROPOSED LOCATION being S38°02'17"W 11,261' from NGS Mon. 108005, to location in Sec. 14, T10S-R11W, Calcasieu Parish, Louisiana.

No residential or commercial structures, not owned by applicant, his lessor, or other predecessor in interest, were situated within a 500' radius of this location on June 15, 2016.

Cursory review yielded no Water Wells within 1,320' of location, other than shown.

Horizontal position and elevation arrived from RTK GPS Survey.

Ground Elevation = 10.0' NAVD 88.

Note: Proposed Location is S08°24' W 94' from Serial No. 241584.

= WATER WELLS PER DOTD DATABASE

HAROLD E. KING, JR.
REG. No. 4519
PROFESSIONAL LAND SURVEYOR
LOUISIANA REGISTRATION NO. 4519

FIVE-JAB, INC.
P.O. Box 1063
Tomball, Texas 77377

DREW ESTATE 14 SWD NO. 1
Section 14, T10S - R11W
Pine Ridge Field
Calcasieu Parish, Louisiana

PREPARED BY:
OCEANEERING INTERNATIONAL, INC.
730 E. CHALMETTE ROAD
LAFAYETTE, LA 70509
(337) 210-2000
LA Reg. No. 742

JOB No: 176520
DATE: June 27, 2016
DRW: PBH
CKD: HEK
FILE: D16-176520-DREW.DWG

500
US SURVEY FEET (1'=500')
Google Maps 5827 U.S. 90, Lake Charles, LA 70615 to 3201-3481 Gum Island Road, Sulphur, LA 70665

Drive 24.9 miles, 33 min

DIRECTIONS:
I-10 W to Exit 8, turn left on LA Hwy 108 East, go 1.7 miles, turn left on Gum Island Rd., go 4.6 miles, location on the left.

Office of Conservation
DEC 14 2016
Environmental Division
5827 U.S. 90, Lake Charles, LA 70615 to 3201-3481 Gum Island Road, Sulphur, LA 70665

Drive 24.9 miles, 33 min

1. Head east on US-90 E toward LA-397
   18 s (0.1 mi)

Get on I-10 W in 2

2. Turn left onto LA-397
   3 min (1.5 mi)

3. Use the right lane to merge onto I-10 W via the ramp to Lake Charles
   0.9 mi

Follow I-10 W and US-90 W to Choupique Rd in 13

4. Merge onto I-10 W
   24 min (19.0 mi)

5. Keep left to stay on I-10 W
   1.4 mi

6. Take exit 26 for US-90 W toward Trousdale Rd
   7.4 mi

7. Continue onto US-90 W
   0.5 mi

Continue on Choupique Rd. Drive to Gum Island Rd

8. Turn left onto Choupique Rd
   9.7 mi

9. Turn right onto Gum Island Rd
   Destination will be on the right
   6 min (4.3 mi)

3201-3481 Gum Island Road
Sulphur, LA 70665

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

https://www.google.com/maps/dir/5827+U.S.+90,+Lake+Charles,+LA+70615/3201-3481+Gum+Island+Road,+Sulphur,+LA+70665/... 10/20/2016
LOUISIANA DEPARTMENT OF NATURAL RESOURCES
OFFICE OF CONSERVATION, ENVIRONMENTAL DIVISION
WATER WELL INSPECTION REPORT

<table>
<thead>
<tr>
<th>PARISH</th>
<th>WELL NO.</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
</tr>
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<tbody>
<tr>
<td>019</td>
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<td>3011032</td>
<td>9327554</td>
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<tr>
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<th>TOWNSHIP</th>
<th>RANGE</th>
<th>ELEVATION</th>
<th>QUAD NO.</th>
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<td>16S</td>
<td>W1W</td>
<td>0012</td>
<td>177A</td>
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**WELL CONSTRUCTION**

<table>
<thead>
<tr>
<th>Annular space is properly grouted</th>
<th>YES</th>
<th>NO</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper sanitary seal provided</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well properly sealed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corner posts around rig supply</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A vent (breather pipe) is provided</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A sampling tap is provided</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Well is properly plugged and abandoned | | | V

**WELL LOCATION**

<table>
<thead>
<tr>
<th>Sources of Contamination</th>
<th>Minimum Distance (In feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Septic Tanks</td>
<td>50</td>
</tr>
<tr>
<td>Storm or Sanitary Sewer</td>
<td>50¹</td>
</tr>
<tr>
<td>Cesspools, outdoor privies, oxidation ponds, subsurface absorption fields, pits, etc.</td>
<td>100²</td>
</tr>
<tr>
<td>Sanitary landfills, feed lots, manure piles, solid-waste dumps and similar installations</td>
<td>100</td>
</tr>
<tr>
<td>Another water well</td>
<td>25³</td>
</tr>
<tr>
<td>Drainage canal, ditch, stream, pond or lake</td>
<td>50⁴</td>
</tr>
</tbody>
</table>

¹This distance may be reduced to 30 feet if the sewer is of cast iron with leaded joints or schedule 40 plastic pipe with water tight joints.
²For domestic water wells, this distance may be reduced to 50 feet.
³This minimum distance requirement does not take into consideration the effects of interference from pumping nearby wells in the same aquifer.
⁴Horizontally measured from the water edge to the well at the highest water level which may have occurred in a 10 year period.

**REMARKS:**


**INSPECTED BY:** Ronnie Cimella  **DATE:** 1/25/17  **DISTRICT:** 07

**WELL OWNER:** Five Job Inc

(REV 8/13)
WATER WELL PLUGGING AND ABANDONMENT FORM (DNR-GW-2)

1. WELL OWNER (if different from owner when drilled, note in item 5): Five-Jab Inc
   Address: PO Box 1063, Tomball, TX 77377
   Phone Number: 281-356-7767
   Owner's Well Number: Drew Estate 14 SWD # 14

2. LOCATION OF WELL:
   GPS Coordinates: Latitude: 30° 14' 30.1" Longitude: 93° 27' 55.5"
   Parish: Calcasieu
   Well is near Sulphur
   Environmental Division
   Approximately ___ miles from (Crossroads, Railroad, any Landmark, etc.)

(Attach a map or sketch or registered permit plat if Rig Supply with form)

3. WELL INFORMATION:
   Use of Well: Rig Supply Water Well
   Local Well No.: 019 - 16007
   Casing material: PVC
   Diameter of casing: 4" in.
   Depth of well: 280 ft.
   Date drilled: 10/17/16
   Water Well Contractor who installed well or hole: Guichard Operating Company LLC

4. PLUGGING PROCEDURE:
   Describe in detail how well or hole was plugged (materials used, amount of casing and/or screen removed, or left in hole, etc.): Recovered drop pipe & well head. Circulated cement from 280' to 3'. Used 14 sacks of cement + 8% gel.

5. REMARKS:

I certify that this work was done and completed in accordance with Rules and Regulations of the State of Louisiana, including Chapter XII of Title 51, Public Health - Sanitary Code, if applicable, on: 11/09/16 (Date)

by: Guichard Operating Company, LLC (Name of Water Well-Contractor), License No. WWC-190

Authorized Signature: __________________________ Date: 11/10/16

DNR-GW-2 (Rev. 10/12)
I, Harold E. King, Jr., Professional Land Surveyor, certify that the proposed well location depicted and described in this plat was surveyed in the field on June 15, 2016 by me or under my direction with accuracy and precision to the nearest foot. I have properly examined this survey and plat and have determined that it meets the minimum standards of practice for land surveying in the State of Louisiana.

I, Harold E. King, Jr., hereby certify that the proposed location of Five-Jab, Inc.'s Drew Estate 14 SWD No. 1 is described as follows:

PROPOSED LOCATION being S38°02'17"W 11,261' from NGS Mon. 108005, to location in Sec. 14, T10S-R11W, Calcasieu Parish, Louisiana.

No residential or commercial structures, not owned by applicant, his lessor, or other predecessor in interest, were situated within a 500' radius of this location on June 15, 2016.

Cursory review yielded no Water Wells within 1,320' of location, other than shown.

Horizontal position and elevation arrived from RTK GPS Survey.

Ground Elevation = 10.0' NAVD 88.

Note: Proposed Location is S08°24'W 94' from Serial No. 241584.

FIVE-JAB, INC.
P.O. Box 1063
Tomball, Texas 77377

DREW ESTATE 14 SWD NO. 1
Section 14, T10S - R11W
Pine Ridge Field
Calcasieu Parish, Louisiana
Google Maps 5827 U.S. 90, Lake Charles, LA 70615 to 3201-3481 Gum Island Road, Sulphur, LA 70665

Drive 24.9 miles, 33 min

DIRECTIONS:
I-10 W to Exit 8, turn left on LA Hwy 108 East, go 1.7 miles, turn left on Gum Island Rd, go 4.6 miles, location on the left.

Office of Conservation
DEC 28 2016
Environmental Division
5827 U.S. 90, Lake Charles, LA 70615 to 3201-3481 Gum Island Road, Sulphur, LA 70665

Google Maps

Drive 24.9 miles, 33 min
3201-3481 Gum Island Road, Sulphur, LA 70665

5827 U.S. 90
Lake Charles, LA 70615

1. Head east on US-90 E toward LA-397
18 s (0.1 mi)

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2. Turn left onto LA-397
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4. Merge onto I-10 W
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3201-3481 Gum Island Road
Sulphur, LA 70665

Office of Conservation

DEC 28 2016

Environmental Division

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https://www.google.com/maps/dir/5827+U.S.+90,+Lake+Charles,+LA+70615/3201-3481+Gum+Island+Road,+Sulphur,+LA+70665/... 10/20/2016
LOUISIANA DEPARTMENT OF NATURAL RESOURCES
OFFICE OF CONSERVATION, ENVIRONMENTAL DIVISION
WATER WELL REGISTRATION SHORT FORM (DNR-GW-1S)

1. USE OF WELL (Check appropriate box):
   ☐ Domestic   ☐ Rig Supply   ☑ Monitoring
   ☐ Piezometer   ☐ Heat Pump Hole   ☐ Heat Pump Supply
   ☐ Recovery   ☐ Relief   ☐ Abandoned Pilot Hole
   ☐ Other (please specify)

2. WELL OWNER:   NEUMIN PRODUCTION COMPANY
Phone: (361) 987-8920

3. WELL OWNER'S ADDRESS:   PO BOX 769
   POINT COMFORT, TX 77978

4. OWNER'S WELL NUMBER OR NAME:   TW #3
   Serial Number:   N/A

5. WELL INFORMATION:
   Date completed:   12/01/16
   Depth of Hole:   15 ft. below ground surface
   Depth of Well:   15 ft.
   Static water level:   * 4 ft. below ground surface
   Date Measured:   12/01/16
   Casing:   3/4 in.   ☑ Metal   ☐ Plastic   ☐ Other   Length: 10 ft.
   Screen:   3/4 in.   ☐ Metal   ☐ Plastic   ☐ Other   Slot size: .010 in.
   Length:   10 ft.   Cemented from:   10 ft. to ground surface
   Using:   ☑ Pump down Method   ☐ Gravity Method

6. LOCATION OF WELL:
   Latitude:   30° 41.35'  N   Longitude:   93° 28.39'  W
   Parish:   CALCASIEU
   Physical Address:   N/A
   Well is Near:   Vinton, LA   Approximately 2 miles from (Crossroads, Railroad, any Landmark, etc.) NE of Fabacher Rd and Gum Island Rd Int.

7. REMARKS:   *UNABLE TO BE DETERMINED

8. DRILLER'S LOG:
   (Description and color of cuttings, such as shale, sand, etc. in feet below ground surface)
<table>
<thead>
<tr>
<th>FROM</th>
<th>TO</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>6</td>
<td>GRAY &amp; TAN CLAY</td>
</tr>
<tr>
<td>6</td>
<td>8</td>
<td>GRAY TAN SILTY CLAY</td>
</tr>
<tr>
<td>8</td>
<td>12</td>
<td>GRAY CLAY</td>
</tr>
<tr>
<td>12</td>
<td>15</td>
<td>SANDY CLAYEY SILT</td>
</tr>
</tbody>
</table>
   Office of Conservation
   DEC 27 2016
   Environmental Division

9. FOR HEAT PUMP ONLY:   Avg. Depth:   ft.   # of Holes:

10. DOES THE NEW WELL REPLACE AN EXISTING WELL?   ☐ Yes   ☐ No
    If yes, has owner been informed of state regulations requiring plugging of abandoned wells?   ☐ Yes   ☐ No

11. NAME OF PERSON WHO DRILLED THE WELL:   Trevela Lee

I certify that this work was done and completed in accordance with Rules and Regulations of the State of Louisiana, including Chapter XII of Title 51, Public Health – Sanitary Code, if applicable, on:   12/01/16   (Date)
by:   ACADIAN ENGINEERS   (Name of Water Well Contractor),
License No.   WW-444   
Authorized Signature:   
   Date:   12-21-16

(Attach a map or sketch or registered plot if Rig Supply to registration)

DNR-GW-1S (Rev. 10/12)
LOUISIANA DEPARTMENT OF NATURAL RESOURCES
OFFICE OF CONSERVATION, ENVIRONMENTAL DIVISION
WATER WELL PLUGGING AND ABANDONMENT FORM (DNR-GW-2)

1. WELL OWNER (if different from owner when drilled, note in item 5): NEUMIN PRODUCTION COMPANY
   Address: POST OFFICE BOX 769, POINT COMFORT, TEXAS 77978
   Phone Number: (361) 987-8920
   Owner’s Well Number: TW #3

2. LOCATION OF WELL:
   GPS Coordinates: Latitude:30° 11'35" Longitude:93° 28'39.3"
   Parish: CALCASIEU; Physical Address: N/A
   Well is Near, VINTON, LA Approximately _2_ miles from (Crossroads, Railroad, any Landmark, etc.) NE OF FABACHER ROAD AND GUM ISLAND INTERSECTION

   (Attach a map or sketch or registered permit plat if Rig Supply with form)

3. WELL INFORMATION:
   Use of Well: ONE TIME GW SAMPLING Local Well No.: --
   Casing material: PLASTIC Diameter of casing: 3/4 in.
   Depth of well: 10 ft. Date drilled: 12/01/16 by (provide name of Water Well Contractor who installed well or hole): ACADIAN ENGINEERS & ENVIRONMENTAL CONSULTANTS INC.

4. PLUGGING PROCEDURE:
   Describe in detail how well or hole was plugged (materials used, amount of casing and/or screen removed, or left in hole, etc.): REMOVED 10' OF CASING/SCREEN. A BENTONITE SLURRY WAS Poured INTO WELL AND ALLOWED TO SETTLE. THE TOP WAS THEN COVERED WITH TOPSOIL TO SETTLE.


   Office of Conservation

   Environmental Division

   I certify that this work was done and completed in accordance with Rules and Regulations of the State of Louisiana, including Chapter XII of Title 51, Public Health Sanitary Code, if applicable, on: 12/20/16 (Date) by: ACADIAN ENGINEERS & ENV CONSULTANTS INC. (Name of Water Well Contractor), License No. WWC-444

   Authorized Signature: ___________________________ Date: 12-21-16

FOR MONITOR/PIEZO/RECOVERY WELLS ONLY

| SECTION | TOWNSHIP | RANGE | ELEVATION | QUAD NO. |

MAIL ORIGINAL TO:
Louisiana Dept. of Natural Resources
Attn: Ground Water Resources
P.O. Box 94275
Baton Rouge, LA 70804-9275
Ph. (225) 342-8244 Fax (225) 242-3505

ONLINE ACCESS:
1) Go to http://sonris.com/
2) Click on Data Access in the left hand panel.
3) Under the section labeled Conservation, click on Ground Water Information.
LOUISIANA DEPARTMENT OF NATURAL RESOURCES
OFFICE OF CONSERVATION, ENVIRONMENTAL DIVISION
WATER WELL REGISTRATION SHORT FORM (DNR-GW-1S)

1. USE OF WELL (Check appropriate box):
   [ ] Domestic  [ ] Rig Supply  [ ] Monitoring
   [ ] Piezometer  [ ] Heat Pump Hole  [ ] Heat Pump Supply
   [ ] Recovery  [ ] Relief  [ ] Abandoned Pilot Hole
   [ ] Other (please specify)

2. WELL OWNER:  NEUMIN PRODUCTION COMPANY
   Phone: (361) 987-8920

3. WELL OWNER’S ADDRESS:  PO BOX 769  POINT COMFORT, TX 77978

4. OWNER’S WELL NUMBER OR NAME:  TW #4
   Serial Number (Rig Supply Only):  N/A

5. WELL INFORMATION:
   Date completed:  12/01/16
   Depth of Hole:  15 ft. below ground surface
   Depth of Well:  15 ft.
   Static water level:  * ft. below ground surface
   Date Measured:  12/01/16
   Casing: 3/4 in.  [ ] Metal  [ ] Plastic  [ ] Other  Length: 10 ft.
   Screen: 3/4 in.  [ ] Metal  [ ] Plastic  [ ] Other  Slot size: 0.010 in.
   Length: 10 ft.  Cemented from: 10 ft. to ground surface
   Using:  [ ] Pump down Method  [ ] Gravity Method

6. LOCATION OF WELL:
   Latitude:  30° 11' 33.9"  Longitude:  93° 28' 38.7"
   Parish:  CALCASIEU
   Physical Address:  N/A
   Well is Near, Vinton, LA  Approximately 2 miles from (Crossroads, Railroad, any Landmark, etc.) NE of Fabacher Rd and Gum Island Rd
   Intersection
   (Attach a map or sketch or registered plot if Rig Supply to registration)

7. REMARKS:  *UNABLE TO BE DETERMINED

8. DRILLER’S LOG:
   (Description and color of cuttings, such as shale, sand, etc. in feet below ground surface)

<table>
<thead>
<tr>
<th>FROM</th>
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</tr>
</tbody>
</table>

9. FOR HEAT PUMP ONLY:  Avg. Depth:  ft.  # of Holes:

10. DOES THE NEW WELL REPLACE AN EXISTING WELL?  [ ] Yes  [ ] No
    If yes, has owner been informed of state regulations requiring plugging of abandoned wells?  [ ] Yes  [ ] No

11. NAME OF PERSON WHO DRILLED THE WELL:  Trevella Lee

   I certify that this work was done and completed in accordance with Rules and Regulations of the State of Louisiana, including Chapter XII of Title 51, Public Health – Sanitary Code, if applicable, on:  12/01/16 (Date)
   by: ACADIAN ENGINEERS (Name of Water Well Contractor),
   License No. WWC-446
   Authorized Signature:  [Signature]  Date: 12/2/16

   FOR MONITOR/PIEZO/RECOVERY WELLS ONLY

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<td>11</td>
<td>13</td>
</tr>
</tbody>
</table>

   FOR OFFICE USE ONLY

   PARISH  WELL NO  GEOLOGIC UNIT
   00  16 17  12  H  C  TE
   LATITUDE  LONGITUDE  SECTION
   TOWNSHIP  RANGE  ELEVATION  QUAD NO.
   REGISTERED BY:  [Signature]  DATE: 12/28/16
   INSPECTED BY:  [Signature]  REMARKS:

DNR-GW-15 (Rev. 10/12)
LOUISIANA DEPARTMENT OF NATURAL RESOURCES
OFFICE OF CONSERVATION, ENVIRONMENTAL DIVISION
WATER WELL PLUGGING AND ABANDONMENT FORM (DNR-GW-2)

1. WELL OWNER (if different from owner when drilled, note in item 5): NEUMIN PRODUCTION COMPANY
   Address: POST OFFICE BOX 769, POINT COMFORT, TEXAS 77978
   Phone Number: (361) 987-8920
   Owner’s Well Number: TW #4

2. LOCATION OF WELL:
   GPS Coordinates: Latitude: 11°33.9' Longitude: 93°28'38.7"
   Parish: CALCASIEU; Physical Address: N/A
   Well is Near, VINTON, LA, approximately 2 miles from (Crossroads, Railroad, any Landmark, etc.): NE OF FABACHER ROAD AND GUM ISLAND INTERSECTION

(Attach a map or sketch or registered permit plat if Rig Supply with form)

3. WELL INFORMATION:
   Use of Well: ONE TIME GW SAMPLING
   Local Well No.: __________
   Casing material: PLASTIC
   Diameter of casing: 3/4 in.
   Depth of well: 10 ft.
   Date drilled: 12/01/16 by (provide name of Water Well Contractor who installed well or hole): ACADIAN ENGINEERS & ENVIRONMENTAL CONSULTANTS INC.

4. PLUGGING PROCEDURE:
   Describe in detail how well or hole was plugged (materials used, amount of casing and/or screen removed, or left in hole, etc.): REMOVED 10' OF CASING/SCREEN. A BENTONITE SLURRY WAS Poured INTO WELL AND ALLOWED TO SETTLE. THE TOP WAS THEN COVERED WITH TOPSOIL TO SETTLE.

Office of Conservation


DEC 27 2016

Environmental Division

I certify that this work was done and completed in accordance with Rules and Regulations of the State of Louisiana, including Chapter XII of Title 51, Public Health – Sanitary Code, if applicable, on: 12/20/16 (Date)

by: ACADIAN ENGINEERS & ENV CONSULTANTS INC. (Name of Water Well Contractor), License No. WWC-444

Authorized Signature: ____________________________

Date: 12-21-16

FOR MONITOR/PIEZO/RECOVERY WELLS ONLY

SECTION | TOWNSHIP | RANGE | ELEVATION | QUAD NO.

MAIL ORIGINAL TO:
Louisiana Dept. of Natural Resources
Attn: Ground Water Resources
P.O. Box 94275
Baton Rouge, LA 70804-9275
Ph (225) 342-8244 Fax (225) 242-3505

ONLINE ACCESS:
1) Go to http://somrs.com
2) Click on Data Access in the left hand panel.
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FOR OFFICE USE ONLY

PARISH | WELL NO | GEOLOGIC UNIT

019 | 10613 | 112CHCCTC

LATITUDE | LONGITUDE | SECTION

TOWNSHIP | RANGE | ELEVATION | QUAD NO.

REGISTERED BY: ____________
INSPECTED BY: ____________
DATE: ____________

Date: 12-28-16

DNR-GW-2 (Rev. 10/12)
1. USE OF WELL (Check appropriate box):
   - [ ] Domestic
   - [ ] Rig Supply
   - [ ] Monitoring
   - [ ] Piezometer
   - [ ] Heat Pump Hole
   - [ ] Heat Pump Supply
   - [ ] Recovery
   - [ ] Relief
   - [ ] Abandoned Pilot Hole
   - [ ] Other (please specify)

2. WELL OWNER: NEUMIN PRODUCTION COMPANY
   Phone: (361) 987-8920

3. WELL OWNER'S ADDRESS: PO BOX 769
   POINT COMFORT, TX 77978

4. OWNER'S WELL NUMBER OR NAME: TW #5
   Serial Number (Rig Supply Only): N/A

5. WELL INFORMATION:
   Date completed: 12/01/16
   Depth of Hole: 15 ft. below ground surface
   Depth of Well: 15 ft.
   Static water level: * ft. below ground surface
   Date Measured: 12/01/16
   Casing: 3/4 in. □ Metal □ Plastic □ Other Length: 10 ft.
   Screen: 3/4 in. □ Metal □ Plastic □ Other Slot size: 010 in.
   Length: 10 ft. Cemented from: 10 ft. to ground surface
   Using: □ Pump down Method □ Gravity Method

6. LOCATION OF WELL:
   Latitude: 30° 11' 34.9"  Longitude: 93° 28' 38.1"
   Parish: CALCASIEU
   Physical Address: N/A
   Well is Near, Vinton, LA Approximately 2 miles from (Crossroads, Railroad, any Landmark, etc.) NE of Fabacher Rd and Gum Island Rd
   Intersection

7. REMARKS: *UNABLE TO BE DETERMINED

8. DRILLER'S LOG:
   (Description and color of cuttings, such as shale, sand, etc. in feet below ground surface)

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<tr>
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<td>15</td>
<td>SANDY CLAYEY SILT</td>
</tr>
</tbody>
</table>

   Office of Conservation
   DEC 27 2016
   Environmental Division

9. FOR HEAT PUMP ONLY: Avg. Depth: __________ ft. # of Holes: __________

10. DOES THE NEW WELL REPLACE AN EXISTING WELL? □ Yes □ No
    If yes, has owner been informed of state regulations requiring plugging of abandoned wells? □ Yes □ No

11. NAME OF PERSON WHO DRILLED THE WELL: Trevella Lee

   I certify that this work was done and completed in accordance with Rules and Regulations of the State of Louisiana, including Chapter XII of Title 51, Public Health – Sanitary Code, if applicable, on: 12/01/16 (Date)
   by: ACADIAN ENGINEERS (Name of Water Well Contractor), License No. WWC-444
   Authorized Signature: ___________________________ Date: 2-21-16

   FOR OFFICE USE ONLY
   PARISH: WEL NO. GEOLOGIC UNIT
   LATITUDE LONGITUDE SECTION
   TOWNSHIP RANGE ELEVATION QUAD NO. 
   REGISTERED BY: ___________________________ DATE: 12-28-16 
   INSPECTED BY: ___________________________ DATE: 
   REMARKS: ___________________________
1. WELL OWNER (if different from owner when drilled, note in item 5): NEUMIN PRODUCTION COMPANY
Address: POST OFFICE BOX 769, POINT COMFORT, TEXAS 77978
Phone Number: (361) 987-8920
Owner's Well Number: TW #5

2. LOCATION OF WELL:
GPS Coordinates: Latitude: 30° 11' 34.9" N, Longitude: 93° 28' 38.1" W
Parish: CALCASIEU; Physical Address: N/A
Well is Near, VINTON, LA Approximately 2 miles from (Crossroads, Railroad, any Landmark, etc.):
NE OF FABACHER ROAD AND GUM ISLAND INTERSECTION

(Attach a map or sketch or registered permit plot if Rig Supply with form)

3. WELL INFORMATION:
Use of Well: ONE TIME GW SAMPLING
Casing material: PLASTIC
Diameter of casing: 3/4 in.
Depth of well: 10 ft.
Date drilled: 12/01/16
by (provide name of Water Well Contractor who installed well or hole): ACADIAN ENGINEERS & ENVIRONMENTAL CONSULTANTS INC.

4. PLUGGING PROCEDURE:
Describe in detail how well or hole was plugged (materials used, amount of casing and/or screen removed, or left in hole, etc.):
REMOVED 10' OF CASING/SCREEN. A BENTONITE SLURRY WAS Poured INTO WELL AND ALLOWED TO SETTLE.
THE TOP WAS THEN COVERED WITH TOPSOIL TO SETTLE.

Office of Conservation

J: C 27 2016

Environmental Division

I certify that this work was done and completed in accordance with Rules and Regulations of the State of Louisiana, including Chapter XII of Title 51, Public Health—Sanitary Code, if applicable, on: 12/20/16 (Date)
by: ACADIAN ENGINEERS & ENVIRONMENTAL CONSULTANTS INC. (Name of Water Well Contractor), License No. WWC-444
Authorized Signature: [Signature]
Date: 12/21/16

FOR MONITOR/PIEZO/RECOVERY WELLS ONLY

<table>
<thead>
<tr>
<th>SECTION</th>
<th>TOWNSHIP</th>
<th>RANGE</th>
<th>ELEVATION</th>
<th>QUAD NO.</th>
</tr>
</thead>
</table>

MAIL ORIGINAL TO:
Louisiana Dept. of Natural Resources
Attn: Ground Water Resources
P.O. Box 94275
Baton Rouge, LA 70804-9275
Ph. (225) 342-8244 Fax (225) 242-3505

ONLINE ACCESS:
1) Go to http://sonris.com
2) Click on Data Access in the left hand panel.
3) Under the section labeled Conservation, click on Ground Water Information.

FOR OFFICE USE ONLY

<table>
<thead>
<tr>
<th>PARISH</th>
<th>WELL NO.</th>
<th>GEOLOGIC UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>019</td>
<td>166127</td>
<td>117CHCCTE</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>LATITUDE</th>
<th>LONGITUDE</th>
<th>SECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

REGISTERED BY: [Signature] DATE: 12/28/16
INSPECTED BY: [Signature] DATE: 12/28/16
REMARKS:

DNR-GW-2 (Rev. 10/12)
NOUISIANA DEPARTMENT OF NATURAL RESOURCES
OFFICE OF CONSERVATION, ENVIRONMENTAL DIVISION
WATER WELL REGISTRATION SHORT FORM (DNR-GW-1S)

1. USE OF WELL (Check appropriate box):
   - ☐ Domestic
   - ☐ Rig Supply
   - ☐ Monitoring
   - ☐ Piezometer
   - ☐ Heat Pump Hole
   - ☐ Heat Pump Supply
   - ☐ Recovery
   - ☐ Relief
   - ☐ Abandoned Pilot Hole
   - ☐ Other (please specify)

2. WELL OWNER: NEUMIN PRODUCTION COMPANY
   Phone: (361) 649-5927

3. WELL OWNER’S ADDRESS: PO BOX 769
   POINT COMFORT, TX 77978-0769

4. OWNER’S WELL NUMBER OR NAME: TW #6

5. WELL INFORMATION:
   Date completed: 02/08/18
   Depth of Hole: 20 ft. below ground surface
   Depth of Well: 20 ft.
   Static water level: 6 ft. below ground surface
   Date Measured: 02/08/18
   Casing: 2 in. ☐ Metal ☐ Plastic ☐ Other Length: 10 ft.
   Screen: 2 in. ☐ Metal ☐ Plastic ☐ Other Slot size: .010 in.
   Length: 20 ft. Cemented from: 10 ft. to ground surface
   Using: ☐ Pump down Method ☐ Gravity Method

6. LOCATION OF WELL:
   Latitude: 30° 11' 43.38" Longitude: 93° 28' 44.61"
   Parish: CALCASIEU
   Physical Address: N/A
   Well is Near VINTON, LA miles from (Crossroads, Railroad, any Landmark, etc.) NE OF FABACHER RD & GUM ISLAND ROAD INTERSECTION

7. REMARKS: WELL DRILLED BY SUBCONTRACTOR DEVONIAN GROUP.
   148-C EASY ST., LAFAYETTE, LA (WWC-680)

8. DRILLER’S LOG:
   (Description and color of cuttings, such as shale, sand, etc. in feet below ground surface)
<table>
<thead>
<tr>
<th>FROM</th>
<th>TO</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>10</td>
<td>Brown Silty Clay</td>
</tr>
<tr>
<td>10</td>
<td>20</td>
<td>Grey &amp; Brown Silty Clay w/Sand</td>
</tr>
</tbody>
</table>

9. FOR HEAT PUMP ONLY: Avg. Depth: N/A ft.  # of Holes: N/A
10. DOES THE NEW WELL REPLACE AN EXISTING WELL? ☐ Yes ☒ No
    If yes, has owner been informed of state regulations requiring plugging of abandoned wells? ☐ Yes ☒ No
11. NAME OF PERSON WHO DRILLED THE WELL: Trevella Lee

I certify that this work was done and completed in accordance with Rules and Regulations of the State of Louisiana, including Chapter XII of Title 51, Public Health – Sanitary Code, if applicable, on: 02/08/18 (Date)
by: ACADIAN ENGINEERS (Name of Water Well Contractor),
License No. WWC-444
Authorized Signature: __________________________ Date: 02/26/18

DNR-GW-1S (Rev. 10/12)
1. **WELL OWNER** (if different from owner when drilled, note in item 5): NEUMIN PRODUCTION COMPANY  
   Address: POST OFFICE BOX 769, POINT COMFORT, TEXAS 77978  
   Phone Number: (361) 987-8920  
   Owner’s Well Number: TW #6  
   **MAR 12 2018**  

2. **LOCATION OF WELL:**  
   GPS Coordinates: Latitude: 30°43.38’  
   Longitude: 93°28’46.61”  
   Parish: CALCASIEU; Physical Address: N/A  
   Well is Near: VINTON, LA  
   Approximately 2 miles from (Crossroads, Railroad, any Landmark, etc.): NE OF FABACHER ROAD AND GUM ISLAND INTERSECTION  

3. **WELL INFORMATION:**  
   Use of Well: ONE TIME GW SAMPLING  
   Local Well No.: 1  
   Casing material: PLASTIC  
   Diameter of casing: 2” in.  
   Depth of well: 20 ft.  
   Date drilled: 02/08/18  
   by (provide name of Water Well Contractor who installed well or hole): ACADIAN ENGINEERS & ENVIRONMENTAL CONSULTANTS INC.  

4. **PLUGGING PROCEDURE:**  
   Describe in detail how well or hole was plugged (materials used, amount of casing and/or screen removed, or left in hole, etc.): REMOVED 20’ OF CASING/SCREEN. A BENTONITE SLURRY WAS POURED INTO WELL AND ALLOWED TO SETTLE. THE TOP WAS THEN COVERED WITH TOPSOIL TO SETTLE.  

5. **REMARKS:** WELL P&A SUBCONTRACTOR: DEVONIAN GROUP, 148-C EASY ST., LAFAYETTE, LA (WWC-680)  

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_I certify that this work was done and completed in accordance with Rules and Regulations of the State of Louisiana, including Chapter XII of Title 51, Public Health – Sanitary Code, if applicable, on: 02/08/18 (Date) by: ACADIAN ENGINEERS & ENV CONSULTANTS INC. (Name of Water Well Contractor), License No. WWC-444  
Authorized Signature: [Signature] Date: 3-7-18_  

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<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>0 1 5</td>
<td>1 0 S</td>
<td>1 1 W</td>
<td>0 0 1 3</td>
<td>1 7 7 A</td>
</tr>
</tbody>
</table>

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<table>
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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>O 1 9</td>
<td>1 6 8 9 5 7</td>
<td>1 1 2 C M C T</td>
</tr>
</tbody>
</table>

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**FOR OFFICE USE ONLY:**  
  Registered By:  
  Inspected By:  
  Date:  
  Remarks:  

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**MAIL ORIGINAL TO:**  
Louisiana Dept. of Natural Resources  
Attn: Ground Water Resources  
P.O. Box 94275  
Baton Rouge, LA 70804-9275  
Ph. (225) 342-8244 Fax (225) 242-3505  

**ONLINE ACCESS:**  
1) Go to [http://somris.com/](http://somris.com/)  
2) Click on Data Access in the left hand panel.  
3) Under the section labeled Conservation, click on Ground Water Information.
### WELL CONSTRUCTION

<table>
<thead>
<tr>
<th>Item</th>
<th>Yes</th>
<th>No</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annular space is properly grouted</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Proper sanitary seal provided</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well properly sealed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corner posts around rig supply</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A vent (breather pipe) is provided</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A sampling tap is provided</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well is properly plugged and abandoned</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### WELL LOCATION

<table>
<thead>
<tr>
<th>Sources of Contamination</th>
<th>Minimum Distance (in feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Septic Tanks</td>
<td>50</td>
</tr>
<tr>
<td>Storm or Sanitary Sewer</td>
<td>50¹</td>
</tr>
<tr>
<td>Cesspools, outdoor privies, oxidation ponds, subsurface absorption fields, pits, etc.</td>
<td>100²</td>
</tr>
<tr>
<td>Sanitary landfills, feed lots, manure piles, solid-waste dumps and similar installations</td>
<td>100</td>
</tr>
<tr>
<td>Another water well</td>
<td>25³</td>
</tr>
<tr>
<td>Drainage canal, ditch, stream, pond or lake</td>
<td>50⁴</td>
</tr>
</tbody>
</table>

1. This distance may be reduced to 30 feet if the sewer is of cast iron with leaded joints or schedule 40 plastic pipe with water-tight joints.
2. For domestic water wells, this distance may be reduced to 50 feet.
3. This minimum distance requirement does not take into consideration the effects of interference from pumping nearby wells in the same aquifer.
4. Horizontally measured from the water edge to the well at the highest water level which may have occurred in a 10 year period.

**REMARKS:**

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**INSPECTED BY:** Ronnie Cirella  
**DATE:** 4-26-18  
**DISTRICT:** 07

**WELL OWNER:** Neuminn Production Company