

Owner No. \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Punched and Verified  
Well No. Ca-471

Elevation \_\_\_\_\_

Parish Ca

Owner Phillip Vick Address Vinton La

Location SE SE 10 Sec. 16 T. 10S R. 11W

Driller Passmore + Savoy Address Vinton La

Depth of test hole \_\_\_\_\_ ft., Depth of well 254 ft.

Type of well: Dug, Driven, Bored, Drilled, Jet \_\_\_\_\_ Completed 1948

Stratigraphic unit \_\_\_\_\_ Log: D., E., (W or C) \_\_\_\_\_

Casings: Kind \_\_\_\_\_; size 3"; 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 Jet Stages: No. \_\_\_\_\_, Diam. \_\_\_\_\_ in.  
Pump setting \_\_\_\_\_ ft.; length and diameter of footpiece \_\_\_\_\_ ft. \_\_\_\_\_ in.  
Capacity \_\_\_\_\_ gpm; Column diameter \_\_\_\_\_ in.  
Power, kind: elec H.P. \_\_\_\_\_ R.P.M. \_\_\_\_\_

Static level \_\_\_\_\_ ft., rept., meas. 19, above, below \_\_\_\_\_  
\_\_\_\_\_ which is \_\_\_\_\_ ft. above, below land surface

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. (°F) \_\_\_\_\_

Source of data owner

Recorded by HR5 Date 10/13/48; Rescheduled by \_\_\_\_\_ Date \_\_\_\_\_

Remarks: \_\_\_\_\_

Quadrangle \_\_\_\_\_

019-471

PLEASE PRINT IN  
INK OR TYPE  
WHEN COMPLETING  
THIS FORM

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

019-71072  
MAIL ORIGINAL TO  
Department of  
Transportation and Development  
Attn: Chief - Water Resources Section  
P O BOX 94245  
Baton Rouge LA 70804-9245  
(504) 379-1434

1. WELL OWNER: (if different from owner when drilled, note in item 5) \_\_\_\_\_  
Stone & Webster, Inc.  
ADDRESS: 1100 Milam St., St. 3434, Houston, Texas 77002  
OWNERS WELL NUMBER (if any) Hurlbert Farms / 1

2. LOCATION OF WELL: Parish. Jalacasiou, Well is Near, Vinton  
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 Fabacher 1/2 mi. & rt.  
X cattle-gap to location (Please draw sketch on back of Original)

3. WELL INFORMATION: Depth of hole, 465 ft., Diameter of casing 4 in.,  
Depth of completed well, 465 ft., Date completed 5/24/89 by (Give name  
of water well contractor who installed well or hole): H. 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 two feet of  
casing two feet below ground level w/torch.  
Used 36 sks. cement & 3 sks. gel.

5. REMARKS \_\_\_\_\_

I certify that this work was done and completed in accordance with Rules and Regulations of  
the State on 7/31, 19 89 by (name and no of  
contractor) H. Brown, Inc. WWC- 034  
Authorized Signature: [Signature] Date 8/1/89

State 22 Parish 019 Local Well No. -71072 Identification Number 0 **OFFICE USE ONLY** Section     Township     Range     Quad No    

DOTD'S COPY

RECEIVED AUG 1 1 1989

019-71072

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       HEAT PUMP SUPPLY
- HEAT PUMP HOLE       ABANDONED PILOT HOLE       OTHER \_\_\_\_\_  
(Please Specify)

2. WELL OWNER Stone & Webster, Inc. PHONE ( ) \_\_\_\_\_

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

4. OWNER'S WELL NUMBER OR NAME (if any) Hurlbert Farms 1

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 Est.  
(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 OR  GRAVITY METHOD

10. LOCATION OF WELL: PARISH Calcasieu WELL IS NEAR, Vinton  
(Town or City)

APPROXIMATELY 2 MILES FROM I-10 going S. on La. 108 go left on gravel (Gum Island  
(Crossroads, Railroad, Any Landmark, etc)

Rd.) To stop sign & left on Fabacher Rd. -- Go 2 mi. & left on Cattleguard -- loc.  
(Please draw sketch on back of Original)  
back in pasture.

11. REMARKS: \_\_\_\_\_

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

FROM	TO	DESCRIPTION	FROM	TO	DESCRIPTION
1	40	Clay			
40	80	shells			
80	120	Clay			
120	160	Clay w/Shell streaks			
160	320	Clay			
320	360	Clay w/shell streaks			
360	420	Clay			
420	465	Coarse Sand & Gravel			

13. FOR HEAT PUMP HOLES ONLY AVG. DEPTH \_\_\_\_\_ FT., NUMBER OF HOLES \_\_\_\_\_

TUBING MATERIAL  PVC,  PE,  PB,  OTHER \_\_\_\_\_

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

YES  NO

(REV. 11/85)

DOTD'S COPY

H. Brown, Inc.  
Name of Water Well Contractor

LICENSE NUMBER WWC - 034

Chorlan 5/25/89  
Authorized Signature Date

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

OWNERS NAME  
STONE & WEBSTER

WELL DEPTH 0465 Ft. Use of Well S - -  
Date Completed 0589 S P D

OWNER'S NO HF 1 Geologic Unit \_\_\_\_\_

CONTRACTOR'S NAME  
H BROWN

SECTION 016 TOWNSHIP 10S RANGE 11W

HOLE DEPTH 0465 ELEV 0015 QUAD NO 0117

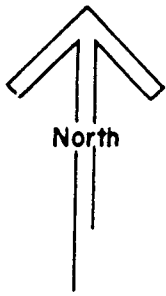
SW

Inspected By \_\_\_\_\_

Date \_\_\_\_\_

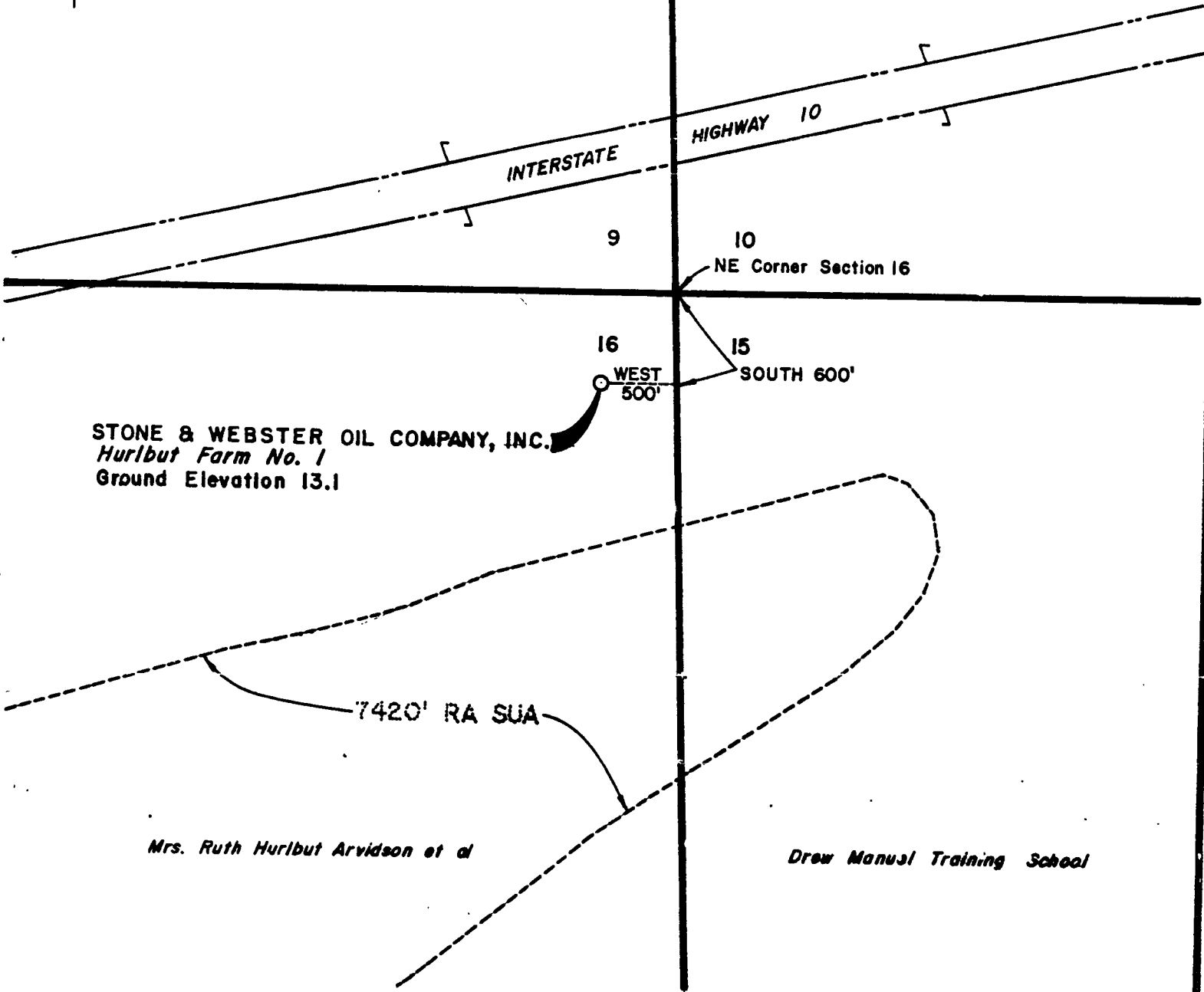
Remarks \_\_\_\_\_

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*Drew Manual Training School*

*Drew Manual Training School*



**STONE & WEBSTER OIL COMPANY, INC.**  
*Hurlbut Farm No. 1*  
Ground Elevation 13.1

16 WEST 500'  
15 SOUTH 600'

7420' RA SUA

*Mrs. Ruth Hurlbut Arvidson et al*

NOTE: THERE ARE NO BUILDINGS OR STRUCTURES WITHIN 500 FEET OF THE WELL LOCATION.

**WELL LOCATION**

**STONE & WEBSTER OIL COMPANY, INC.**  
*Hurlbut Farms No. 1*

From the Northeast corner of Section 16, T10S-R11W, go South along the East line of Section 600 feet, thence West 500 feet to the Location.  
Ground Elevation 13.1

**STONE & WEBSTER OIL COMPANY, INC.**

**WELL LOCATION**

**NORTH CHOUPIQUE FIELD**  
**SECTION 16, T10S-R11W**  
**CALCASIEU PARISH, LOUISIANA**

SCALE 1"=1000'      APRIL 7, 1989

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

*Philip L. Whitaker*  
PHILIP L. WHITAKER  
L.A. REG. NO. 3915

019-71077

**LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT  
WATER RESOURCES SECTION  
WATER WELL REGISTRATION SHORT FORM (DOTD-GW-1S)**

*p: A  
Below Ground*

019-12299Z

**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 Neumin 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  
(Date)
7. CASING 4 IN.     METAL     PLASTIC     OTHER    LENGTH 140 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 OR  GRAVITY 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 # 225207

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

FROM	TO	DESCRIPTION	FROM	TO	DESCRIPTION
0	140	Clay			
140	150	Med. Sand			
150	170	Coarse Sand			

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

Guichard Op. Co.  
 Name of Water Well Contractor

LICENSE NUMBER WWC-190

Jara Heaux 12/18/00  
 Authorized Signature Date

**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**

PARISH WELL NO.

019    12299Z

IDENTIFICATION NUMBER

3011340932838

REVISED COORDINATES

\_\_\_\_\_

Geologic Unit

\_\_\_\_\_

Use of Well

S	-	-

SECTION TOWNSHIP RANGE

015    105    11W

ELEV QUAD NO

0013    177A

INPUT BY: NLD DATE: 1-29-01

INSPECTED BY: K. Woodward DATE: 2-5-01

REMARKS: \_\_\_\_\_

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

LATITUDE

\_\_\_\_\_

LONGITUDE

\_\_\_\_\_

SECTION

\_\_\_\_\_

TOWNSHIP

\_\_\_\_\_

RANGE

\_\_\_\_\_

ELEV.

\_\_\_\_\_

QUAD. NO.

\_\_\_\_\_

SITE ADDRESS \_\_\_\_\_

R 11 W

225207

9

Sec. 10

H. C. Drew Manual Estate

11

Whitestone Pet.  $\emptyset^1$

Sec. 15

Neumin Production Co.

H. C. Drew Manual Estate "15"

Thomas D. Watson Jr., et al

T

Hurlbut Farm

10

16

$\emptyset^1$

PROPOSED LOCATION

Gr. Elev. 13'  
NAD 1927 (South Zone)  
X = 1,322,720  
Y = 561,390  
NAD 1983 (South Zone)  
Lat.=30°11'34.88"  
Long.=93°28'38.12"

14

S

N 01°09' E 3366'

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DEC 04 2000

OFFICE OF CONSERVATION  
LAFAYETTE DISTRICT

H. C. Drew Manual Estate

S 88°51' E 2612'

Rutherford Oil Corp.  
Lawton Lease  $\emptyset^2$

Sec. 22

J. Lawton, et al

J. Lawton, et al

13

I, Donald W. Gladfelter, Jr., hereby certify that the location of Neumin Production Co.'s H. C. Drew Manual Estate "15" No. 7 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.

*Donald W. Gladfelter, Jr.*  
REGISTERED LAND SURVEYOR NO. 4854  
STATE OF LOUISIANA



**A**  
**E inc.**  
ACADIAN ENGINEERS  
&  
ENVIRONMENTAL CONSULTANTS INC.  
EUNICE, LOUISIANA

PROJECT NO.:  
00-AE-40/MANUEL15#1  
DRAWN BY:  
D. Gladfelter  
DATE:  
12-1-00  
SCALE:  
1"=1000'

LOUISIANA OFFICE OF CONSERVATION  
**NEUMIN PRODUCTION COMPANY**  
PERMIT PLAT  
CALCASIEU PARISH, LOUISIANA





PLEASE PRINT IN  
INK OR TYPE  
WHEN COMPLETING  
THIS FORM

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

MAIL ORIGINAL TO  
Department of  
Transportation and Development  
Attn: Chief - Water Resources Section  
P O BOX 94245  
Baton Rouge, LA 70804-9245  
(225) 379-1434

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**, 200 **1** by (name and no. of contractor) **Guichard Operating Co., Inc.** WWC- **190**

Authorized Signature *Y. A. Jean* Date: **8/9/01**

State	Parish	Local Well No.	Identification Number	OFFICE USE ONLY	Section	Township	Range	Quad. No.	
22	019	-12444Z	3011240	932902	01	01S	10S	11W	177A

Elev. 14'

DOTD'S COPY

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019-12444Z

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 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 Manuel 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  
(Date)

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 OR  GRAVITY 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)

FROM	TO	DESCRIPTION	FROM	TO	DESCRIPTION
0	140	Clay			
140	160	Fine Sand			
160	180	Coarse Sand			

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

Good  
**Guichard Operating Co., Inc.**

Name of Water Well Contractor

LICENSE NUMBER WWC-190

Sean Maloney 6/12/01  
Authorized Signature Date

**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 019 WELL NO. 12444Z

IDENTIFICATION NUMBER 301124093290201

REVISED COORDINATES

Geologic Unit \_\_\_\_\_ Use of Well 

S	-1
S	PA

SECTION 015 TOWNSHIP 105 RANGE 11W

ELEV. 0014 QUAD. NO. 177A

INPUT BY: JL DATE: 6/25/01  
INSPECTED BY: R. Woodard DATE: 7-11-01  
REMARKS: \_\_\_\_\_

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

LATITUDE \_\_\_\_\_ LONGITUDE \_\_\_\_\_

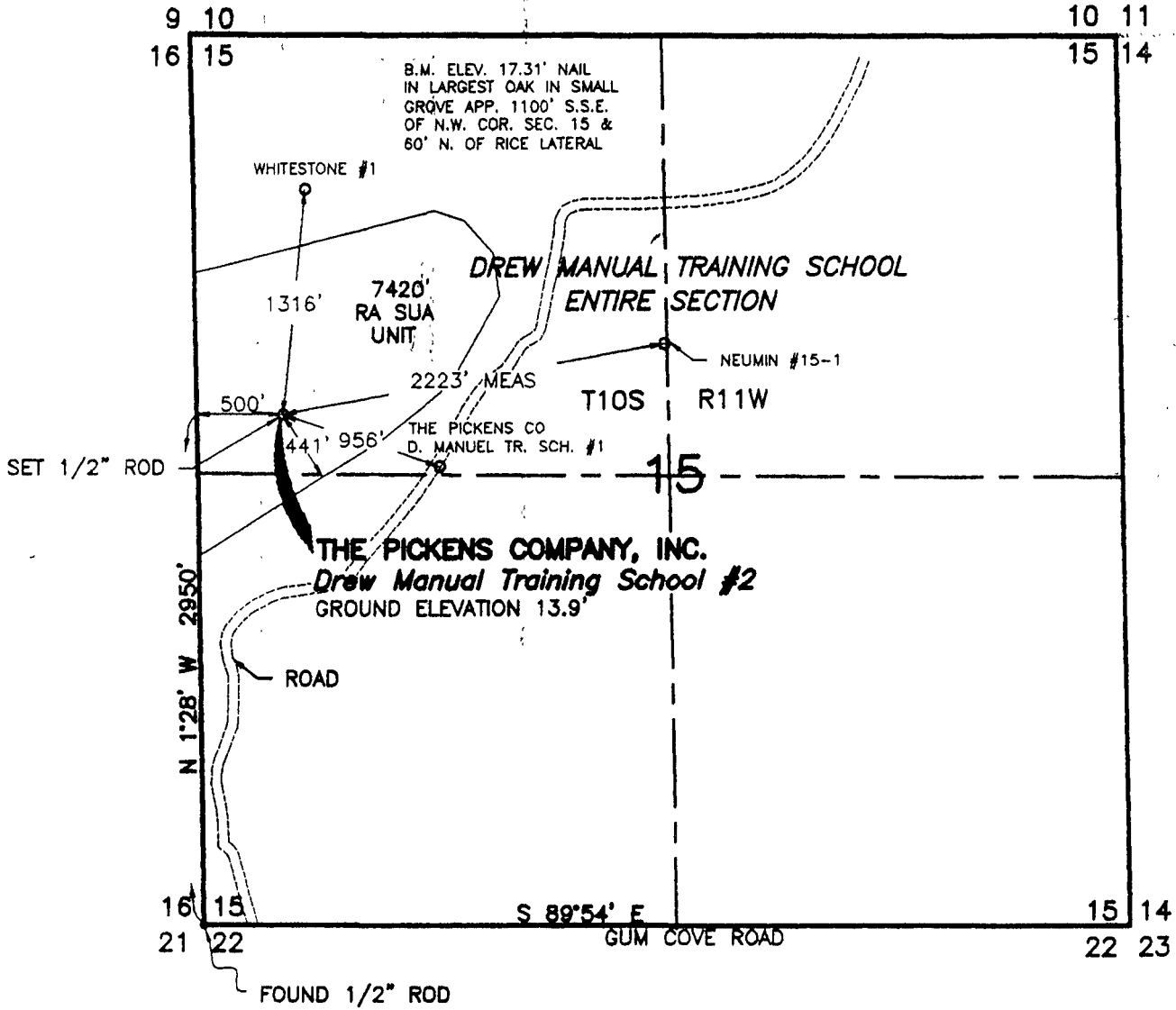
SECTION \_\_\_\_\_ TOWNSHIP \_\_\_\_\_ RANGE \_\_\_\_\_

ELEV. \_\_\_\_\_ QUAD. NO. \_\_\_\_\_

SITE ADDRESS: \_\_\_\_\_

2256545

RECEIVED JUN 15 2001



**NOTE:**  
DISTANCES FROM PROPOSED LOCATION  
TO WHITESTONE #1, DREW MANUAL  
TRAINING SCHOOL #1 AND TO UNIT  
LINE WERE CALCULATED.

**RECEIVED**

MAR 14 2001

OFFICE OF CONSERVATION  
LAFAYETTE DISTRICT

**THE PICKENS COMPANY, INC.**  
Drew Manual Training School No. 2

PLEASE PRINT IN  
INK OR TYPE  
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THIS FORM

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

MAIL ORIGINAL TO  
Department of  
Transportation and Development  
Attn: Chief - Water Resources Section  
P O BOX 94245  
Baton Rouge, LA 70804-9245  
(504) 379-1434

1. WELL OWNER: (if different from owner when drilled, note in item 5)  
STATE OF LA. LA DOTD  
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 )  
\_\_\_\_\_  
(Please draw sketch on back of Original)

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

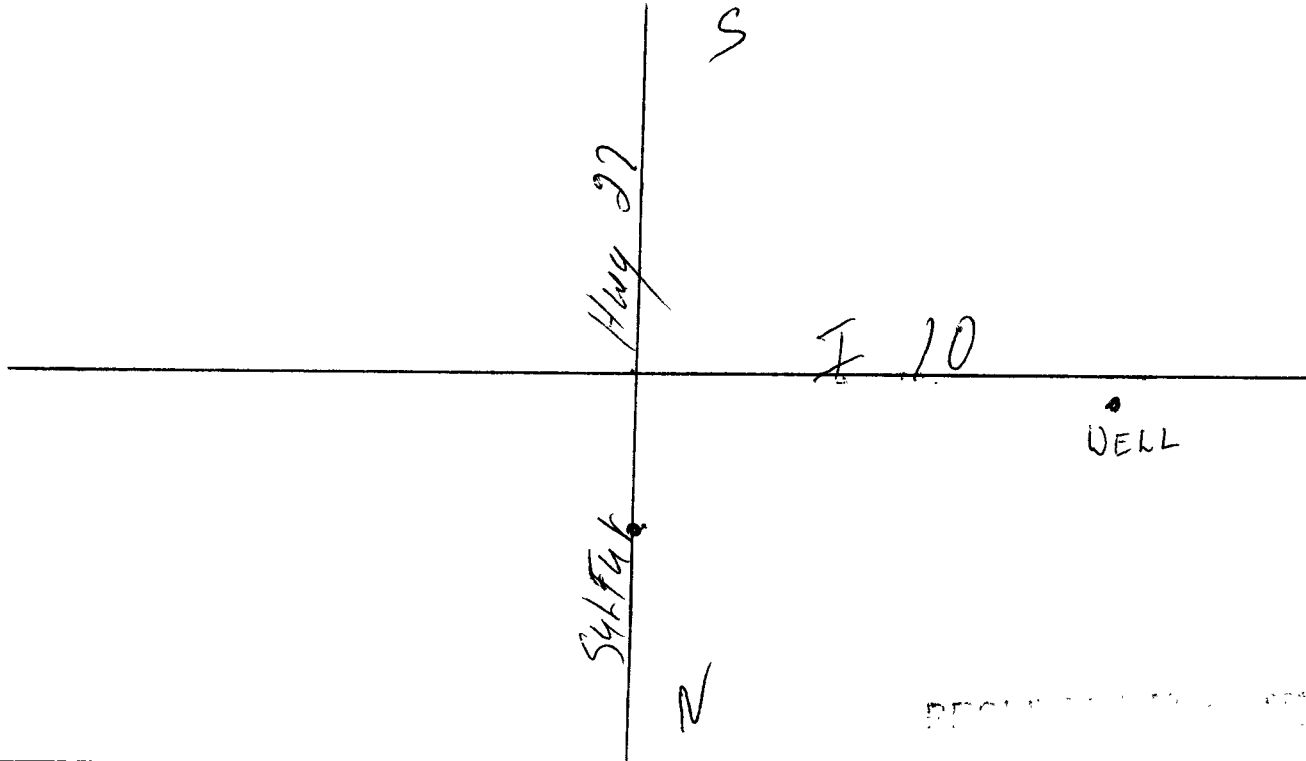
4. Describe in detail how well or hole was plugged (materials used, amount of casing  
and/or screen removed, or left in hole, etc ) PUMPED CEMENT FROM  
BOTTOM BACK TO SURFACE

5. REMARKS: \_\_\_\_\_

I certify that this work was done and completed in accordance with Rules and Regulations of  
the State on JAN. 07, 19 02 by (name and no of  
contractor) RUTHERFORD WATER WELL WWC- 112  
Authorized Signature. Walter Rutherford Date 1/08/02

Section Parish Local Well No Identification Number Section Township Range Quad No  
22 019 -127472 301216 0932814 01 010 105 11W 177A

E



Hwy 27

S

I 10

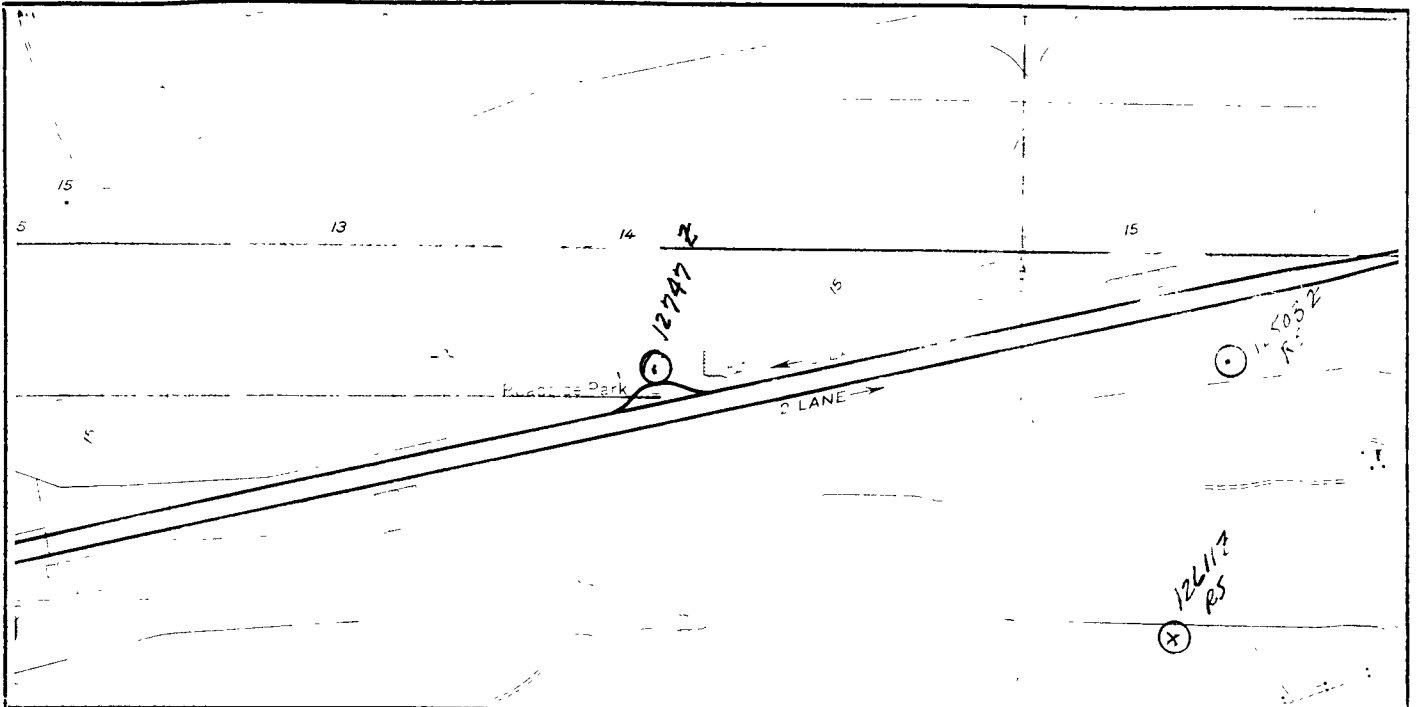
WELL

546 F46

N

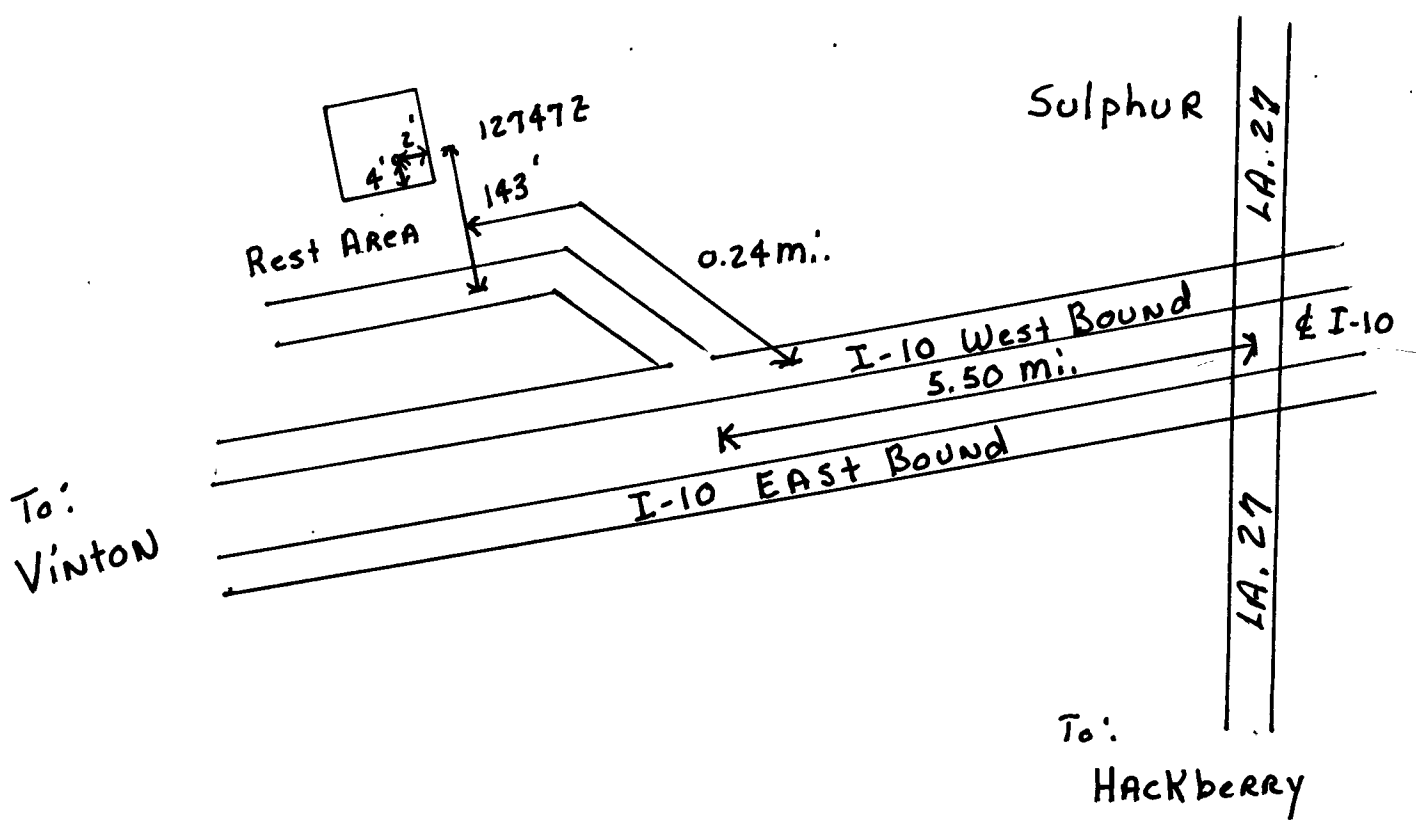
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RECORDED & INDEXED



WELL OWNER				WELL CONTRACTOR			
L.A. D.O.T.D.				RUTHERFORD (W) WATER WELL			
W. I-10 Rest Stop				3031 HWY. 14 EAST		WWC-112	
Vinton, LA.				LAKE CHARLES, LA 70605			
IDENTIFICATION NUMBER				TOWNSHIP	RANGE	QUAD. NAME	QUAD. NO.
3	0	1	2	1	0	Sulphur, LA.	177A
SECTION NUMBER			10	GROUND ELEVATION		14	INSP. BY
							KEN WOODARD

12747Z



N  
 S  
 019-12747Z

PLEASE PRINT IN  
INK OR TYPE  
WHEN COMPLETING  
THIS FORM

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

Department of  
Transportation and Development  
Attn. Chief - Water Resources Section  
P.O. BOX 94245  
Baton Rouge, LA 70804-9245  
(225) 379-1434

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** *SFA*

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.** VWC- **190**  
Authorized Signature *[Signature]* Date: **05/05/05**

State	Parish	Local Well No.	Identification Number	OFFICE USE ONLY	Section	Township	Range	Quad. No.
	219	-13572	0					

DOTD'S COPY



MAY 12 2005

**LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT  
WATER RESOURCES SECTION  
WATER WELL REGISTRATION SHORT FORM (DOTD-GW-1S)**

*Pr A  
Below Ground  
019-135722*

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 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. below GROUND SURFACE MEASURED ON 03/23/05  
(Date)

7 CASING 4 IN     METAL     PLASTIC     OTHER    LENGTH 140 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 OR  GRAVITY METHOD

10 LOCATION OF WELL: PARISH Calcasieu WELL IS NEAR, Pine Ridge  
(Town or City)

APPROXIMATELY \_\_\_\_\_ MILES FROM \_\_\_\_\_  
(Crossroads, Railroad, Any Landmark, etc)

(Please draw sketch on back of Original)

11 REMARKS Serial # 231039

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

FROM	TO	DESCRIPTION	FROM	TO	DESCRIPTION
0	140	Clay			
140	160	Coarse Sand			

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

**Guichard Operating Co., Inc.**  
 Name of Water Well Contractor  
 LICENSE NUMBER WWC-190  
Guichard 4/14/05

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 019 WELL NO 135722

IDENTIFICATION NUMBER 301121093281501

REVISED COORDINATES

Geologic Unit

SECTION 015 TOWNSHIP 105 RANGE 11W

ELEV 0012 QUAD. NO. 177A

Use of Well

INPUT BY: \_\_\_\_\_ DATE: 4/13/05  
 INSPECTED BY: K Woodard DATE: 5-18-05  
 REMARKS: \_\_\_\_\_

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

LATITUDE \_\_\_\_\_ LONGITUDE \_\_\_\_\_

SECTION \_\_\_\_\_ TOWNSHIP \_\_\_\_\_ RANGE \_\_\_\_\_

ELEV. \_\_\_\_\_ QUAD. NO. \_\_\_\_\_

SITE ADDRESS: \_\_\_\_\_

Drew Manual Training School

R 11 W

Thomas D. Watson

Sec. 10

Sec. 11

Sec. 15

Thomas D. Watson

Solatex-  
Drew Manuel T. S.



Drew Manual Training School

Pickens Co -  
Drew Manuel T. S.

James A. Whitson, Jr.,  
Lessee



Drew Manual Training School

LOCATION:

James A. Whitson, Jr. -  
Drew Manuel T. S.  
No. 1 Well  
X=1,324,731.27  
Y= 559,873.26  
Lat. 30°11'21" (NAD 83)  
Long. 93°28'15" (NAD 83)  
(ELEV +12')

T  
10  
S

660'

523'

1980'

Rutherford-  
Drew Manuel T. S.  
No. 1 Well

Sec. 14

RECEIVED

MAR 10 2005

OFFICE OF CONSERVATION  
LAFAYETTE DISTRICT

L. HBY RA SU A

Jack Edward Lawton, et al

Sec. 22

Rutherford-  
Lawton

Jack Edward Lawton, et al

Sec. 23

James A. Whitson, Jr. - Drew Manuel 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.

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.



*John M. Fenstermaker*  
John M. Fenstermaker  
Professional Land Surveyor  
Registration No. 4797

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

DESIGN  
MAY 06 2005

C.H. Fenstermaker & Associates, Inc.

1000' 500' 0' 1000'

Civil Engineers Environmental Consultants Land Surveyors  
Houston Lafayette New Orleans

REVISED:	
2045818 i:/infocad/rangew/10S11W 112	Drawn By: AJT
Date: March 9, 2005	Proj. Mgr.: JWF

PLEASE PRINT IN  
INK OR TYPE  
WHEN COMPLETING  
THIS FORM

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

MAIL ORIGINAL TO  
Department of  
Transportation and Development  
Attn: Chief - Water Resources Section  
P.O. BOX 94245  
Baton Rouge, LA 70804-9245  
(225) 379-1434

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**

(Please draw sketch on back of Original)

3. WELL INFO: Casing material PVC, Diameter of casing 4 X 2 1/2 in.,  
Depth of well 325 ft., Date drilled 4-25-06 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 DROPIPE, 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- **085**  
Authorized Signature \_\_\_\_\_ Date: **10/13/06**

State	Parish	Local Well No.	Identification Number	OFFICE USE ONLY	Section	Township	Range	Quad. No.
<input type="checkbox"/>	<u>0119</u>	<u>-141382</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

OCT 20 2006

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT  
 WATER RESOURCES SECTION  
 WATER WELL REGISTRATION SHORT FORM (DOTD-GW-1S)

019-14138Z

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)

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

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

5 DATE COMPLETED 4-25-06 DEPTH OF HOLE 325 FT DEPTH OF WELL 325 FT

6 STATIC WATER LEVEL 50 FT BELOW GROUND SURFACE MEASURED ON 4-25-06  
 (Date)

7 CASING 4X2 1/2 IN  METAL  PLASTIC  OTHER LENGTH 305 FT

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

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

(Please draw sketch on back of Original)

11 REMARKS: LOC: GUM ISLAND

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

FROM	TO	DESCRIPTION	FROM	TO	DESCRIPTION
0	2	TOP SOIL			
2	210	CLAY			
210	215	FINE SAND			
215	295	CLAY			
295	325	COARSE SAND			

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: RON FONTENOT

MAXIM'S WATER WELL SERVICE, INC

Name of Water Well Contractor  
 LICENSE NUMBER WWC-085  
D. Salame 10/13/2006  
 Authorized Signature Date

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

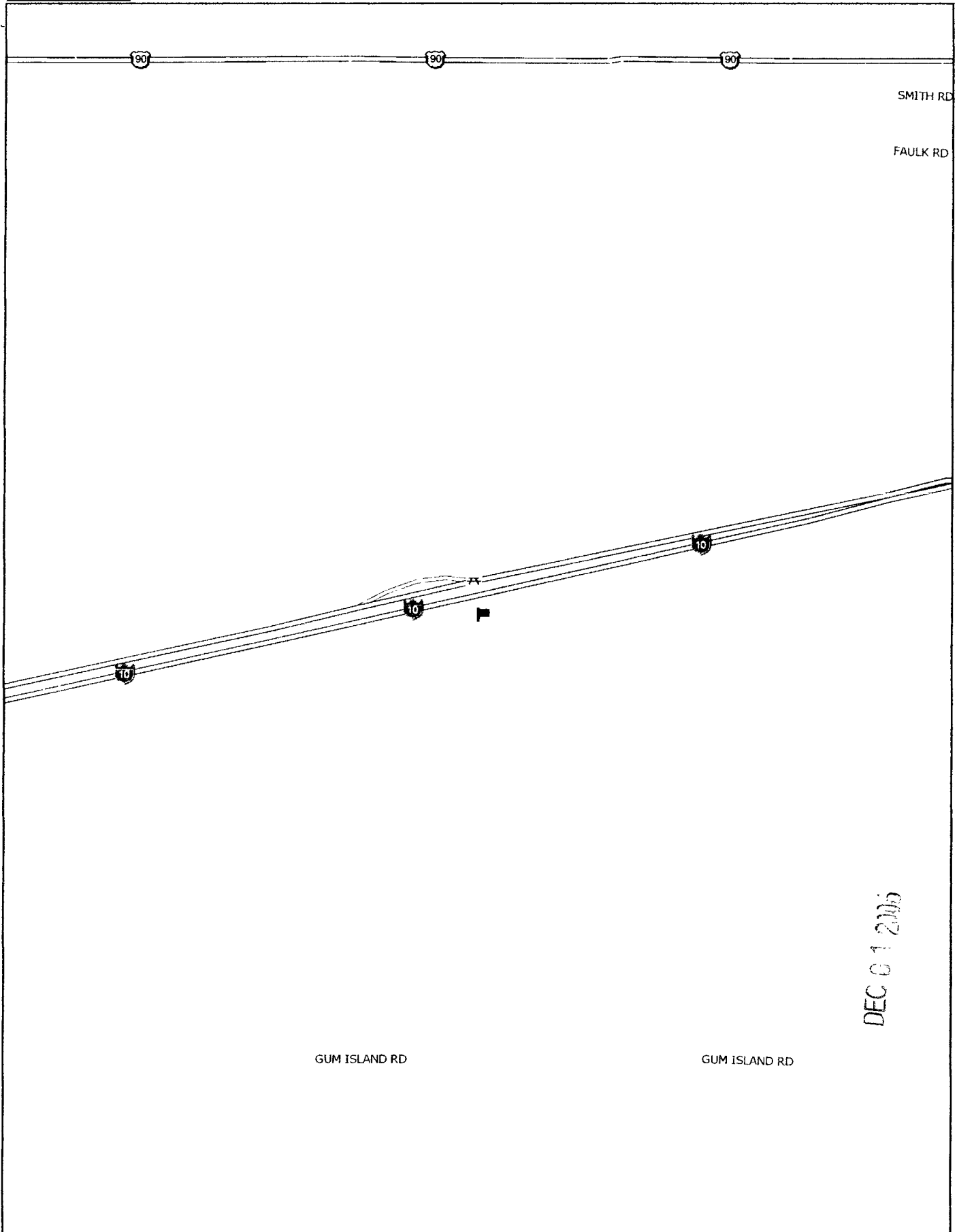
FOR OFFICE USE ONLY

PARISH 019 WELL NO 14138Z  
 IDENTIFICATION NUMBER 301211093280501  
 REVISED COORDINATES \_\_\_\_\_  
 Geologic Unit \_\_\_\_\_ Use of Well S F  
 SECTION 011 TOWNSHIP 105 RANGE 11W  
 ELEV 0015 QUAD. NO 177A  
 INPUT BY: S. Barber DATE: 11/08/06  
 INSPECTED BY: K. Woodland DATE: 12-18-06  
 REMARKS: \_\_\_\_\_

FOR MONITOR/PIEZO/RECOVERY WELLS ONLY

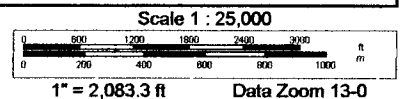
LATITUDE \_\_\_\_\_ LONGITUDE \_\_\_\_\_  
 SECTION \_\_\_\_\_ TOWNSHIP \_\_\_\_\_ RANGE \_\_\_\_\_  
 ELEV \_\_\_\_\_ QUAD. NO \_\_\_\_\_

SITE ADDRESS: \_\_\_\_\_



2007

DEC 01 2006



SEC. 3

T10S-R11W

SEC. 2

ALTON R. FAIRCHILD SR., ET AL

ALTON R. FAIRCHILD SR., ET AL

PROPOSED BHL	
X=	2,605,666' (83)
Y=	626,530' (83)
Lat=	30°12'19.9"N
Lon=	93°28'15.2"W
X=	1,324,867' (27)
Y=	565,818' (27)

BHP Petr

212486

S32°04'57"E 20,435'  
From NGS Mon. EDGERLEY

RAD IMAGERY INC

HENRY CREIGHTON

RUTH MAYO, ET AL

JACK LAWTON

CALCASIEU NAT'L  
BANK LAKE CHARLES

THOMAS J.  
WATSON, ET AL

SEC. 10

MAYNE & MERTZ, INC.  
Lessee  
JOHN L. GLOVER, ET AL

SEC. 11

H C DREW, ESTATE

U. S. INTERSTATE 10

JOHN L. GLOVER, ET AL

MIOCENE LLC

JACK LAWTON

PROP. SURF. LOCATION	
X=	2,606,468' (83)
Y=	625,694' (83)
Lat=	30°12'11.7"N
Lon=	93°28'05.8"W
X=	1,325,669' (27)
Y=	564,982' (27)

GROUND ELEVATION = 11'



LAMBERT GRID NORTH  
NAD 1927 LA. S.Z.

H C DREW, ESTATE

H C DREW, ESTATE

SEC. 15

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 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.

SEC. 14

THOMAS D WATSON, JR

HAROLD E. KING, JR.  
PROFESSIONAL LAND SURVEYOR  
LOUISIANA REGISTRATION NO. 4519  
PREPARED BY:

 **C&C Technologies**  
SURVEY SERVICES

730 E. KALISTE SALDOM ROAD, LAFAYETTE, LA. (337) 281-0660

DWG. BY: PBH CHK. BY: GP

FILENAME: L:\10s11w\8727\DB727A.dwg

**MAYNE & MERTZ, INC.**

**GLOVER NO. 1**

**SECTION 11, T 10 S - R 11 W**

**CALCASIEU PARISH, LOUISIANA**

0' SCALE IN FEET 1000'

DATE: 04/24/2006

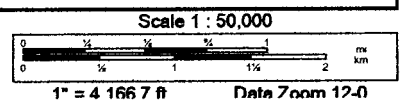
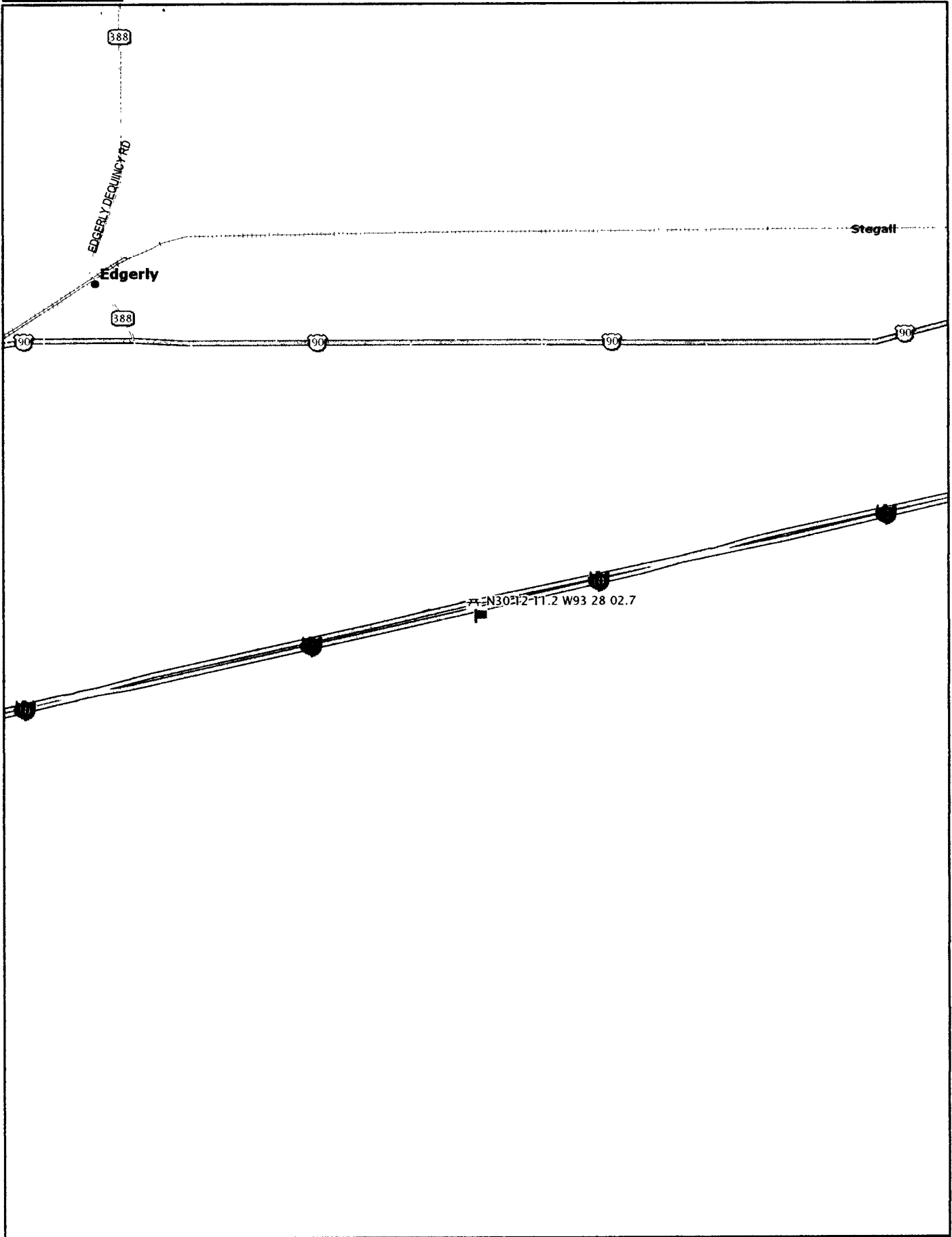
**LOUISIANA OFFICE OF CONSERVATION PERMIT PLAT**

019-141388



DESIGN

DEC 01 2006



019-141382

**LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT  
WATER RESOURCES SECTION  
WATER WELL REGISTRATION SHORT FORM (DOTD-GW-1S)**

019-15112z

**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) 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 .010 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, SULPHUR

(Town or City)

APPROXIMATELY 1.36 MILES FROM CHOUPIQUE ROAD HEADED WEST ON GUM ISLAND RD

(Crossroads, Railroad, Any Landmark, etc.)

(Please draw sketch on back of Original)

11. REMARKS: LOC: GUM ISLAND RD, SULPHUR

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

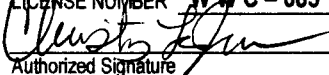
FROM	TO	DESCRIPTION	FROM	TO	DESCRIPTION
0	2	TOP SOIL			
2	130	CLAY			
130	145	COARSE SAND			
145	320	CLAY			
320	380	COARSE SAND			

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: GUICHARD OPERATING COMPANY

**MAXIM'S WATER WELL SERVICE, INC.**

Name of Water Well Contractor \_\_\_\_\_  
 LICENSE NUMBER WWC-085  
  
 Authorized Signature \_\_\_\_\_ Date 07/21/2010

**MAIL ORIGINAL TO:**  
 LOUISIANA DEPARTMENT OF  
 TRANSPORTATION AND DEVELOPMENT  
 ATTN: CHIEF - WATER RESOURCES SECTION  
 P.O. BOX 94245  
 BATON ROUGE, LA 70804-9245  
 (225) 274-4172

**FOR OFFICE USE ONLY**

PARISH 019 WELL NO. 15112z

IDENTIFICATION NUMBER \_\_\_\_\_

REVISED COORDINATES 301105 932754

Geologic Unit \_\_\_\_\_ Use of Well 

S	-

SECTION \_\_\_\_\_ TOWNSHIP \_\_\_\_\_ RANGE \_\_\_\_\_

ELEV. \_\_\_\_\_ QUAD. NO. \_\_\_\_\_

INPUT BY: SO DATE: 8-23-10  
 INSPECTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 REMARKS: \_\_\_\_\_

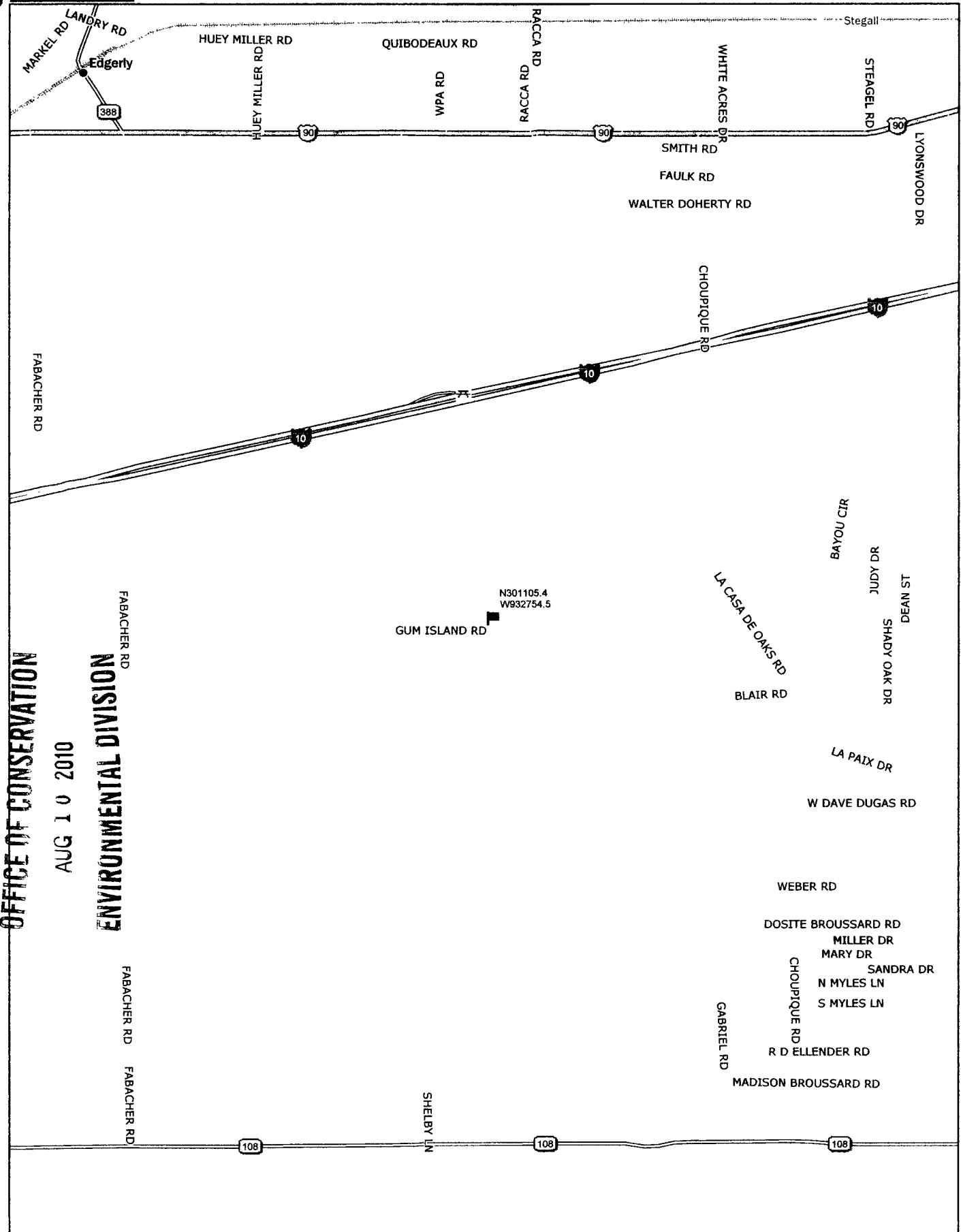
**FOR MONITOR/PIEZO/RECOVERY WELLS ONLY**

LATITUDE \_\_\_\_\_ LONGITUDE \_\_\_\_\_

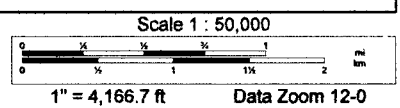
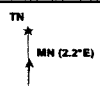
SECTION \_\_\_\_\_ TOWNSHIP \_\_\_\_\_ RANGE \_\_\_\_\_

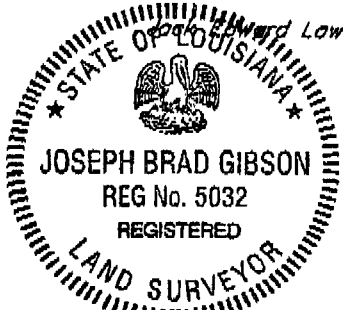
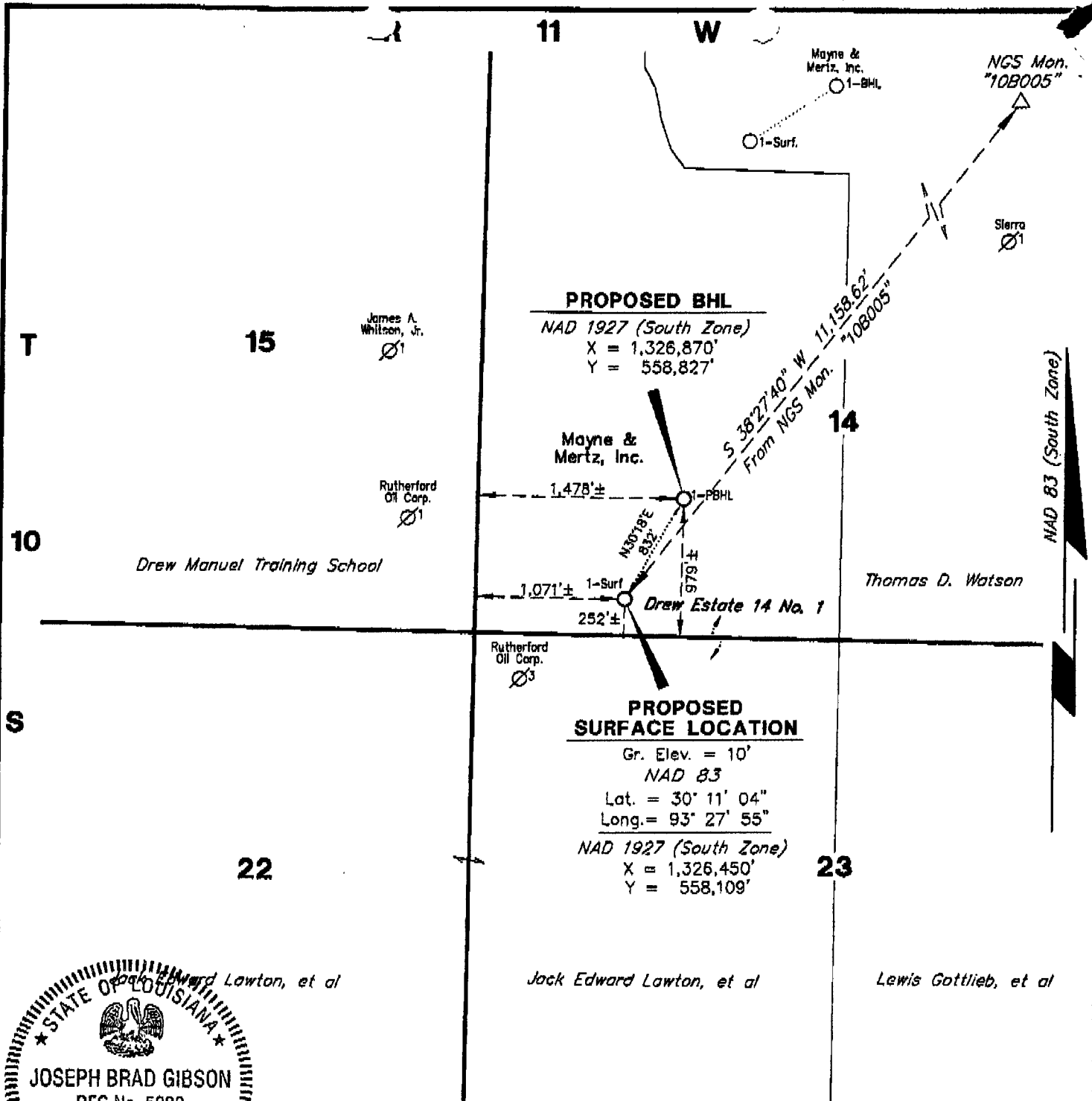
ELEV. \_\_\_\_\_ QUAD. NO. \_\_\_\_\_

SITE ADDRESS: \_\_\_\_\_



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 www.delorme.com





I, Joseph Brad Gibson, hereby certify that the Surf. loc'n of Mayne & Mertz, Inc.'s *Drew Estate 14 No. 1* is as follows: S 38°27'40" W 11,158.62' from NGS Mon."10B005", falling in Section 14, T 10 S - R 11 W, Calcasieu Parish, Louisiana.

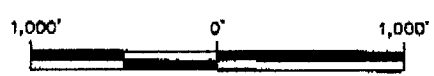
*[Signature]*  
 REGISTERED LAND SURVEYOR NO. 5032  
 STATE OF LOUISIANA  
 C. L. JACK STELLY & ASSOCIATES, INC.  
 FILE NO. 19708-L11.DWG

**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



SCALE: 1" = 1,000'

JUNE 17, 2010

**OFFICE OF CONSERVATION**

**AUG 10 2010**

**ENVIRONMENTAL DIVISION**

7

019-151127

Cut on dotted line before submitting this form to the LA Dept of Transportation and Development.

PLEASE PRINT IN INK OR TYPE WHEN COMPLETING THIS FORM

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

MAIL ORIGINAL TO Department of Transportation and Development Attn: Chief - Water Resources Section P O BOX 94245 Baton Rouge, LA 70804-9245 (225) 274-4172

Rec'd 9-6-11

1. 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

2. 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  
(Please draw sketch on back of Original)

3. 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, 20 10 by (name and no. of contractor) MAXIM'S WATER WELL SERVICE, INC WWC- 085  
Authorized Signature [Signature] Date: 10/05/2010

State	Parish	Local Well No.	Identification Number	OFFICE USE ONLY	Section	Township	Range	Quad. No.
22	019	-151122	3011050932754		016	105	11W	172A

(REV. 6/92) Updated 4/06

DOTD'S COPY

30 11 05

93 27 55

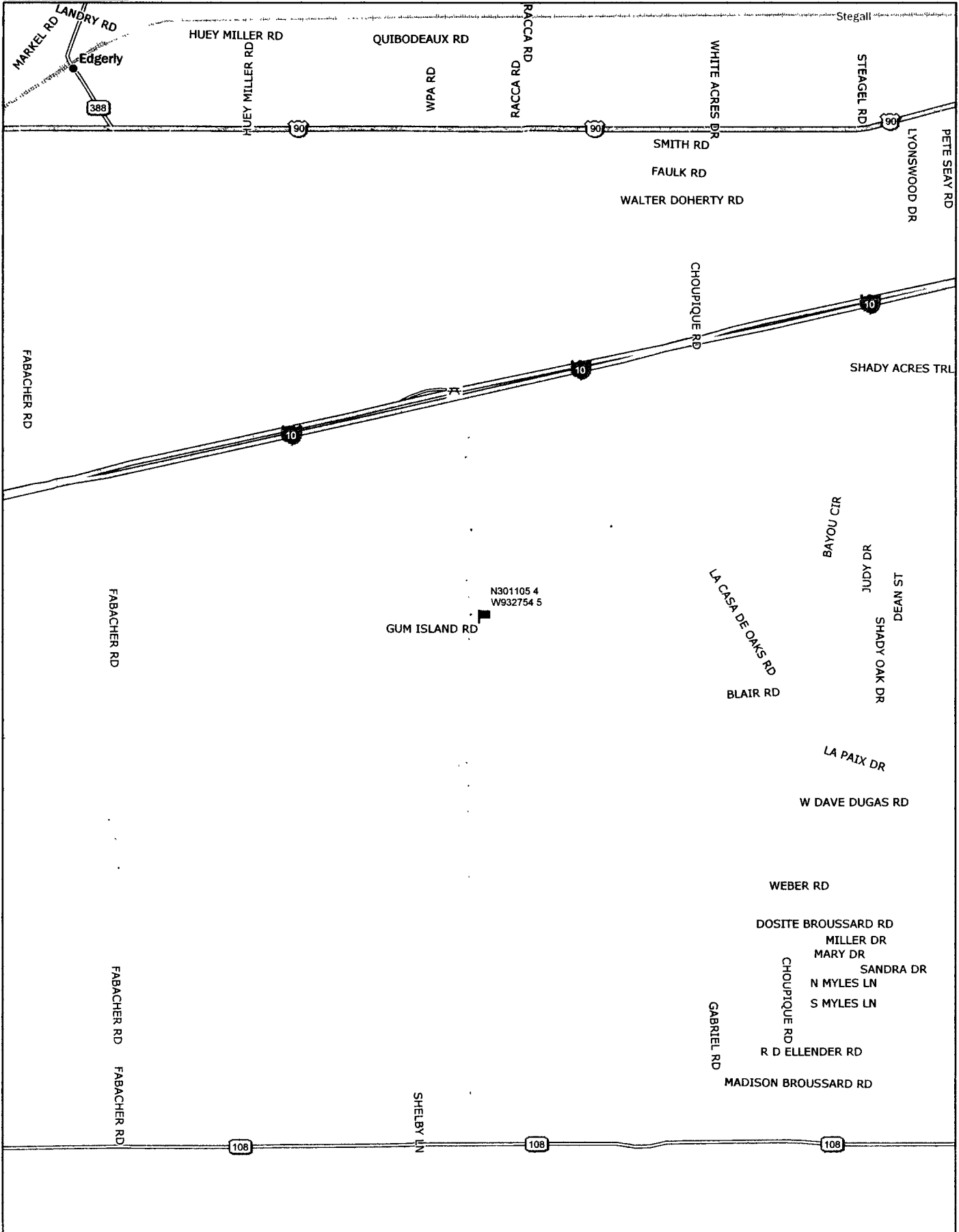
Office of Conservation

NOV 04 2010

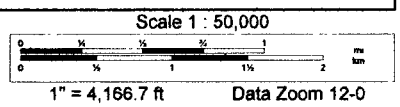
Environmental Division

11205LC

Office of Conservation  
OCT 12 2011  
Environmental Division



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 www.delorme.com





**LOUISIANA DEPARTMENT OF NATURAL RESOURCES**  
**OFFICE OF CONSERVATION, ENVIRONMENTAL DIVISION**  
WATER WELL INSPECTION REPORT

WELL NO. 151122 LATITUDE 30° 11' 05" LONGITUDE 93° 27' 54"

WELL CONSTRUCTION		YES	NO	N/A
Annular space is properly grouted				
Proper sanitary seal provided				
A vent (breather pipe) is provided				
A sampling tap is provided				
Well is properly plugged and abandoned		✓		
WELL LOCATION		YES	NO	N/A
Source of Contamination	Minimum Distance (feet)			
Septic Tanks	50			
Storm or Sanitary Sewer	50 <sup>1</sup>			
Cesspools, outdoor privies, oxidation ponds, subsurface absorption fields, pits, etc.	100 <sup>2</sup>			
Sanitary landfills, feed lots, manure piles, solid-waste dumps and similar installations	100			
Another water well	25 <sup>3</sup>			
Drainage canal, ditch or stream	50 <sup>4</sup>			

<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 & Mertz

019-15255Z

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 4X 2 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)

FROM	TO	DESCRIPTION	FROM	TO	DESCRIPTION
0	2	TOP SOIL			
2	130	CLAY			
130	165	CLAY BLUE			
165	190	FINE SAND AND CLAY			
190	220	COARSE SAND			

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 W W C - 085  
[Signature] 2/11/2011  
Authorized Signature Date

MAIL ORIGINAL TO:  
LOUISIANA DEPARTMENT OF  
TRANSPORTATION AND DEVELOPMENT  
ATTN: CHIEF - WATER RESOURCES SECTION  
P O BOX 94245  
BATON ROUGE, LA 70804-9245  
(225) 274-4172

FOR OFFICE USE ONLY

PARISH 019 WELL NO. 15255Z

IDENTIFICATION NUMBER 0

REVISED COORDINATES 301211 932804

Geologic Unit 11202LC Use of Well

SECTION 011 TOWNSHIP 10S RANGE 11W

ELEV      QUAD NO     

INPUT BY: ca DATE: 3-17-11

INSPECTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

REMARKS: \_\_\_\_\_

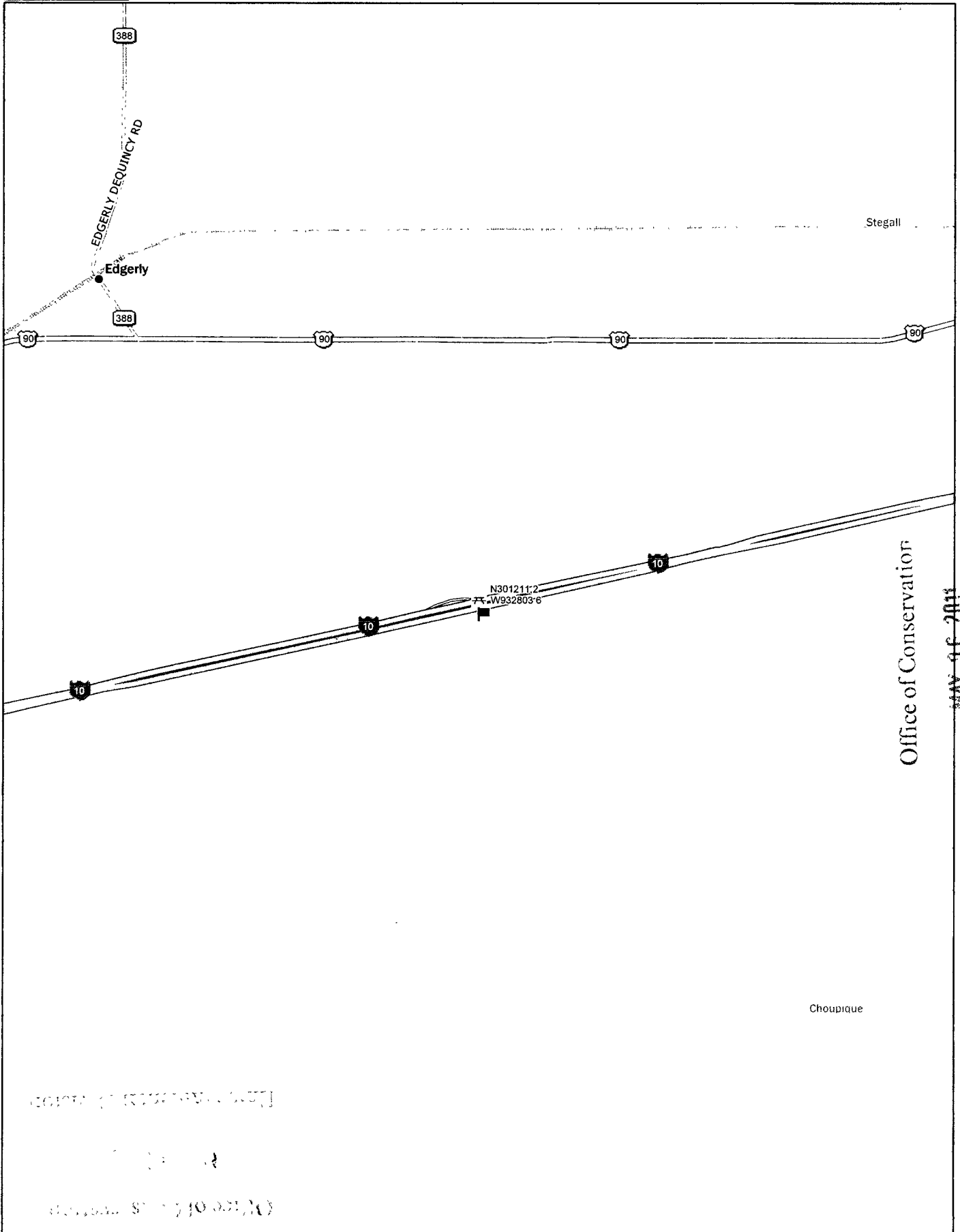
FOR MONITOR/PIEZO/RECOVERY WELLS ONLY

LATITUDE \_\_\_\_\_ LONGITUDE \_\_\_\_\_

SECTION \_\_\_\_\_ TOWNSHIP \_\_\_\_\_ RANGE \_\_\_\_\_

ELEV. \_\_\_\_\_ QUAD. NO. \_\_\_\_\_

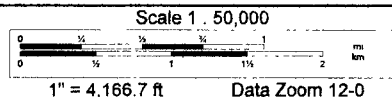
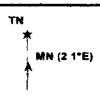
SITE ADDRESS: \_\_\_\_\_



Office of Conservation

MAY 11 2011

Environmental Division



PROPOSED BOTTOM HOLE LOCATION	
X=	2,605,666' (83)
Y=	626,530' (27)
Lat=	30°12'19.9"N
Lon=	93°28'15.2"W
X=	1,324,867' (27)
Y=	565,818' (83)

T10S-R11W

Rad Imagery, Inc. James & Freddie Wells Rev. Tr, et al

Nancy Ann Stone Crowe, et al

CKX Lands, Inc., et al

Woosley

Thomas D. Watson, Jr., et al

SEC. 11

SEC. 10

John L. Glover, et al

Miocene, LLC

J. Lawton Company LLC, et al

H. C. Drew Estate

AS-DRILLED SURFACE LOCATION	
X=	2,606,474' (83)
Y=	625,660' (27)
Lat=	30°12'11.4"N
Lon=	93°28'05.8"W
X=	1,325,675' (27)
Y=	564,948' (83)

Thomas D. Watson, et ux

SEC. 15

H. C. Drew Estate

Naumin 225207

Solatex 148837

SEC. 14

Y RA SUA

Glover No. 1

1,076.91 ACRES

Thomas D. Watson, et ux

H. C. Drew Estate

WING GULLY

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 Men. 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.

*Ronald E. Prather*

RONALD E. PRATHER  
PROFESSIONAL LAND SURVEYOR  
LOUISIANA REGISTRATION NO. 4643  
PREPARED BY:

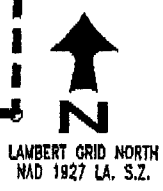
**C&C Technologies**  
SURVEY SERVICES

730 E. KAUSTE SALDOM ROAD, LAFALETTE, LA. (337) 261-0660  
DWG. BY: PBH CHK. BY: GP  
FILENAME: L:\10s11w\06-1824\06-1824B.dwg

**MAYNE & MERTZ, INC.**  
**Y RA SUA; GLOVER NO. 1**  
**SECTION 11, T 10 S - R 11 W**  
**CALCASIEU PARISH, LOUISIANA**

0' SCALE IN FEET 1000'

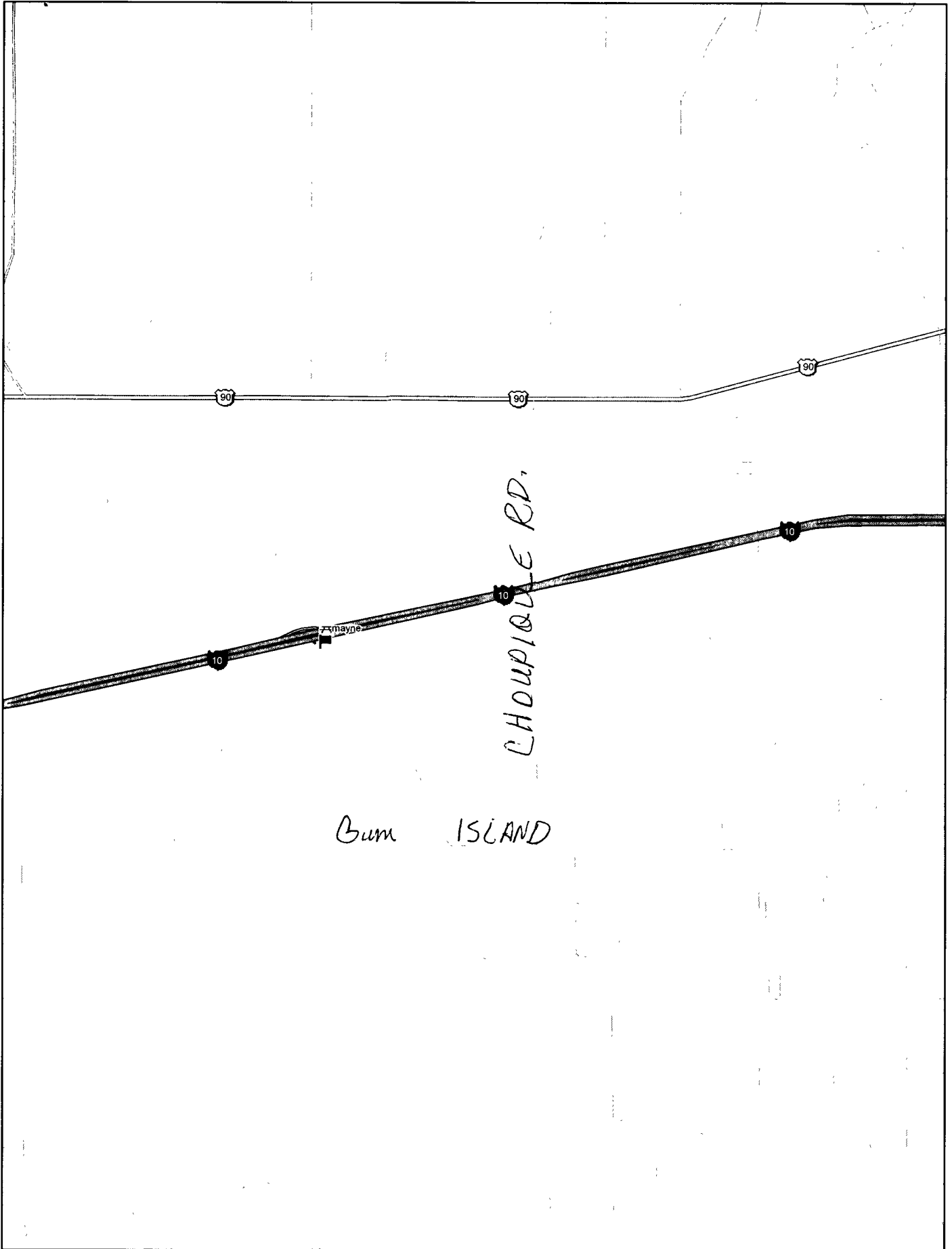
DATE: 11/14/2006



LOUISIANA OFFICE OF CONSERVATION PERMIT PLAT

01A-152552





611-152552

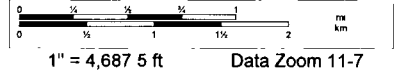
Data use subject to license.

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www.delorme.com



Scale 1 : 56,250



Office of Conservation

MAY 16 2011

Environmental Division

# Mayne & Mertz, Inc.

Weslayan Tower • 24 Greenway Plaza, Suite 605 • Houston, Texas 77046 • (713) 963-0031 • Fax (713) 963-0034

August 3, 2011

Office of Conservation

AUG 08 2011

Environmental Division

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 019-15255Z ✓**  
**Ground Water Resources Well #10-0540 019-14925Z ✓**  
**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

019-15255Z



**ASSIGNMENT AND BILL OF SALE  
OF WATER WELLS**

Office of Conservation  
AUG 08 2011  
Environmental Division

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 1<sup>st</sup> 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:**

**ASSIGNOR:**

**MAYNE & MERTZ, INC.**

*Sara M. Hamilton*  
*Peterson Bigham*

By: *R. Carter Cline*

**R. Carter Cline**

**Attorney In Fact**

619-1525572

619-1525572

AUG 08 2011

ATTEST/WITNESS:

ASSIGNEE: Environmental Division

Kau Hauus  
Cindy Himel

By: *Thomas D. Watson, Jr.*  
Thomas D. Watson, Jr.

Kau Hauus  
Cindy Himel

By: *Carol A. Watson*  
Carol A. Watson

STATE OF TEXAS

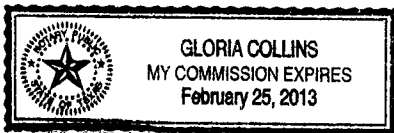
COUNTY OF HARRIS

I hereby certify, that on this day, <sup>July 19, 2011</sup> 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: 2/25/2013



STATE OF LOUISIANA

PARISH OF CALCASIEU

On this 12<sup>th</sup> 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 S. Little*  
Notary Public in and for Calcasieu

Parish, Louisiana

My commission expires: \_\_\_\_\_

Ginger Sonnier Little  
Notary Public #008544  
Calcasieu Parish, LA  
Commission Expires at Death

Office of Conservation

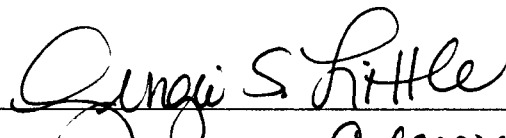
AUG 08 2011

Environmental Division

STATE OF LOUISIANA

PARISH OF CALCASIEU

On this 12<sup>th</sup> 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.

  
Notary Public in and for Calcasieu

Parish, Louisiana

My commission expires: \_\_\_\_\_

Ginger Sonnier Little  
Notary Public #008544  
Calcasieu Parish, LA  
Commission Expires at Death

019-166067

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

**LOUISIANA DEPARTMENT OF NATURAL RESOURCES**  
**OFFICE OF CONSERVATION, ENVIRONMENTAL DIVISION**  
**WATER WELL REGISTRATION SHORT FORM (DNR-GW-1S)**

**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**.

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.) \_\_\_\_\_

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

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

SECTION	TOWNSHIP	RANGE	ELEVATION	QUAD NO.

7. **REMARKS:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

FROM	TO	DESCRIPTION
0	260	Clay
260	280	Coarse Sand
		Office of Conservation
		DEC 14 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:** Mike Legnon

*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: [Signature] Date: 11/10/16*

**FOR OFFICE USE ONLY**

PARISH	WELL NO.	GEOLOGIC UNIT	
<u>019</u>	<u>166067</u>	<u>11202LC</u>	
LATITUDE	LONGITUDE	SECTION	
TOWNSHIP	RANGE	ELEVATION	QUAD NO.
REGISTERED BY:	<u>cuw</u>	DATE:	<u>12/20/16</u>
INSPECTED BY:		DATE:	
REMARKS:			

**T10S-R11W**

DEC 14 2016

NGS Mon. 10B005

**PROPOSED LOCATION**

X= 2,607,250' (83)  
Y= 618,690'  
Lat= 30°11'02.56"N  
Lon= 93°27'55.44"W

X= 1,326,452' (27)  
Y= 557,977'  
Lat= 30°11'01.81"N  
Lon= 93°27'54.87"W

Environmental Division  
**SEC. 14**

FIVE-JAB INC.  
241584

15112Z

Five-Jab Inc.  
Drew Estate 14  
SWD No. 1

1,320' AOR

**SEC. 15**

Drew Manuel Training School

Jack Edward Lawton, et al

Rutherford

184693

**SEC. 22**

Jack Edward Lawton, et al

**SEC. 23**

**WELL LEGEND**



Active - Gas



Dry & Plugged

□ Surface Location



NAD83  
LA SOUTH ZONE  
LAMBERT GRID NORTH

Thomas D. Watson

Lewis Gottlieb, et al

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. 10B005, 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.* 6/27/2016

HAROLD E. KING, JR.  
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. KALISTE SALOOM RD.  
LAFAYETTE, LA 70508  
(337) 210-0000  
LA Reg. No. 747

JOB No: 176520

DATE: June 27, 2016

DRW: PBH

CKD: HEK

FILE: D16-176520-DREW.DWG

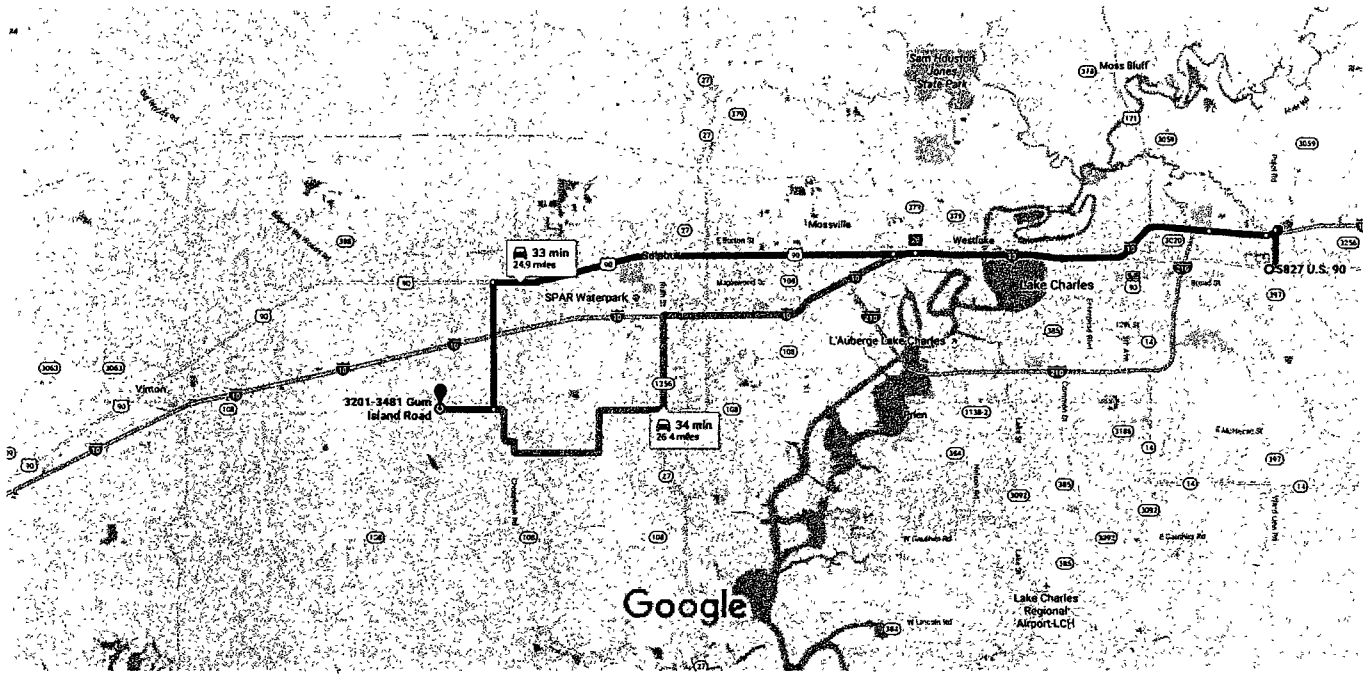


REV. 0

019-166062

Google Maps

5827 U.S. 90, Lake Charles, LA 70615 to Drive 24.9 miles, 33 min  
3201-3481 Gum Island Road, Sulphur, LA 70665



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

019-160067



5827 U.S. 90, Lake Charles, LA 70615 to 3201-3481 Gum Island Road, Sulphur, LA 70665 Drive 24.9 miles, 33 min

### 5827 U.S. 90

Lake Charles, LA 70615

- ↑ 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

0.6 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)

1.4 mi

- ↶ 5. Keep left to stay on I-10 W

7.4 mi

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

Office of Conservation

0.5 mi

- ↑ 7. Continue onto US-90 W

DEC 14 2016

Environmental Division

9.7 mi

### Continue on Choupique Rd. Drive to Gum Island Rd

- ↶ 8. Turn left onto Choupique Rd

6 min (4.3 mi)

3.0 mi

- ↷ 9. Turn right onto Gum Island Rd

Destination will be on the right

1.3 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.

019-160067

**LOUISIANA DEPARTMENT OF NATURAL RESOURCES  
OFFICE OF CONSERVATION, ENVIRONMENTAL DIVISION  
WATER WELL INSPECTION REPORT**

PARISH		WELL NO.				LATITUDE				LONGITUDE			
019		166062				301203.2				932758.4			
SECTION		TOWNSHIP		RANGE		ELEVATION		QUAD NO.					
014		16S		11W		0012		177A					
<b>WELL CONSTRUCTION</b>										YES	NO	N/A	
Annular space is properly grouted													
Proper sanitary seal provided													
Well properly sealed													
Corner posts around rig supply													
A vent (breather pipe) is provided													
A sampling tap is provided													
Well is properly plugged and abandoned										✓			
<b>WELL LOCATION</b>										YES	NO	N/A	
<b>Sources of Contamination</b>								<b>Minimum Distance (in feet)</b>					
Septic Tanks								50					
Storm or Sanitary Sewer								50 <sup>1</sup>					
Cesspools, outdoor privies, oxidation ponds, subsurface absorption fields, pits, etc.								100 <sup>2</sup>					
Sanitary landfills, feed lots, manure piles, solid-waste dumps and similar installations								100					
Another water well								25 <sup>3</sup>					
Drainage canal, ditch, stream, pond or lake								50 <sup>4</sup>					
<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: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

INSPECTED BY: Ronnie Cidella      DATE: 1/25/17      DISTRICT: 07  
 WELL OWNER: Five-Job Inc

019-166062



**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): Five-Jab Inc Office of Conservation  
 Address: PO Box 1063, Tomball, TX 77377  
 Phone Number: 281-356-7767  
 Owner's Well Number: Drew Estate 14 SWD # 14 DEC 28 2016

2. **LOCATION OF WELL:**  
 GPS Coordinates: Latitude: 30 ° 11 ' 301 " Longitude: -93 ° 27 ' 55 15 " Environmental Division  
 Parish: Calcasieu; Physical Address: \_\_\_\_\_  
 Well is Near, Sulphur 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 -- 166067  
 Casing material: PVC Diameter of casing: 4 in.  
 Depth of well: 280 ft. Date drilled: 10/17/16 by (provide name of 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:** Conni Williams **Date:** 11/10/16

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**

<b>FOR OFFICE USE ONLY</b>	PARISH	WELL NO.	GEOLOGIC UNIT	
	<u>019</u>	<u>166067</u>		
	LATITUDE	LONGITUDE	SECTION	
	TOWNSHIP	RANGE	ELEVATION	QUAD NO.
REGISTERED BY:	<u>CW</u>	DATE:	<u>12/29/16</u>	
INSPECTED BY:		DATE:		
REMARKS:				

019-166067

# T10S-R11W

## PROPOSED LOCATION

X= 2,607,250' (83)  
 Y= 618,690'  
 Lat= 30°11'02.56"N  
 Lon= 93°27'55.44"W

X= 1,326,452' (27)  
 Y= 557,977'  
 Lat= 30°11'01.81"N  
 Lon= 93°27'54.87"W

SEC. 15

SEC. 14

Drew Manuel Training School

Five-Jab Inc.  
 Drew Estate 14  
 SWD No. 1

1,320' AOR

NAD83  
 LA SOUTH ZONE  
 LAMBERT GRID NORTH

Jack Edward Lawton, et al




Jack Edward Lawton, et al

Rutherford  
 184693

SEC. 22

SEC. 23

## WELL LEGEND

-  Active - Gas
-  Dry & Plugged
-  Surface Location

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. 10B005, 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.



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

⊙ = WATER WELLS PER DOTD DATABASE

Office of Conservation

DEC 28 2016

Environmental Division

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. KALISTE SALOOM RD.  
 LAFAYETTE, LA 70508  
 (337) 210-0000  
 LA Reg. No. 747

JOB No: 176520

DATE: June 27, 2016

DRW: PBH

CKD: HEK

FILE: D16-176520-DREW.DWG

0 500  
 US SURVEY FEET (1"=500')

REV.

0

Thomas D. Watson

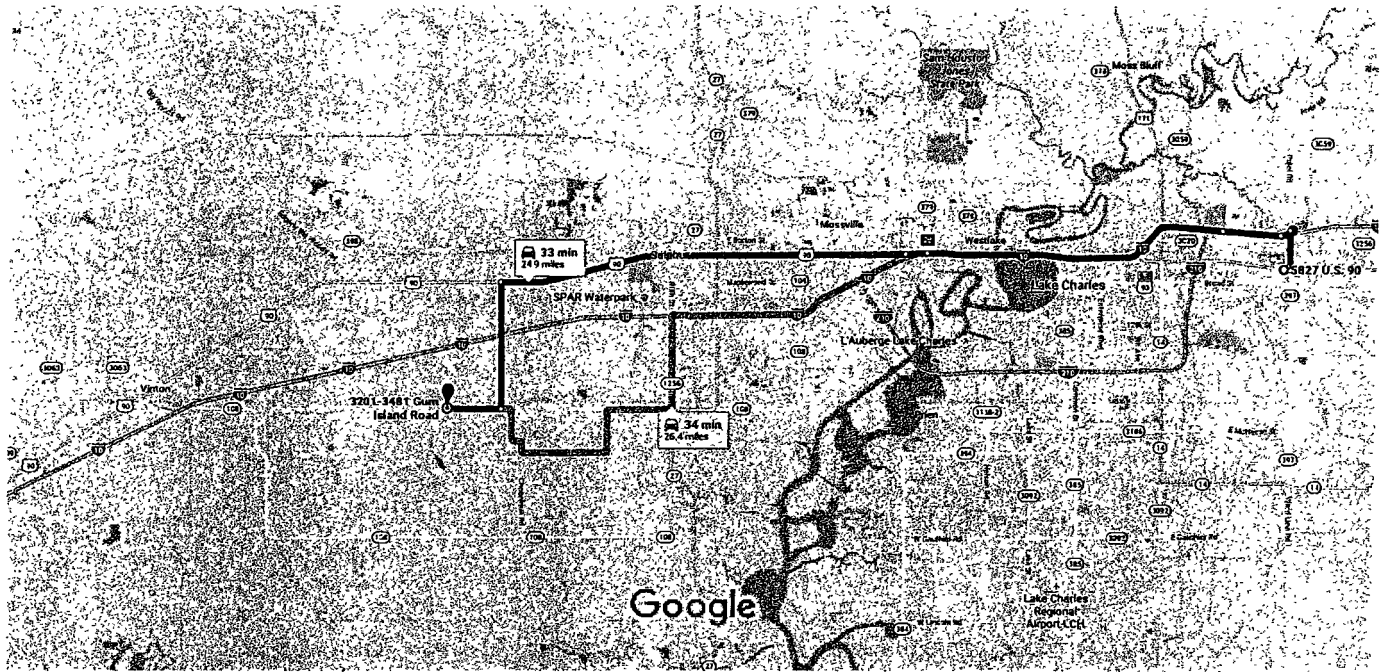


Lewis Gottlieb, et al

019-16007

Google Maps

5827 U.S. 90, Lake Charles, LA 70615 to Drive 24.9 miles, 33 min  
3201-3481 Gum Island Road, Sulphur, LA 70665



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

019-166067



5827 U.S. 90, Lake Charles, LA 70615 to 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)

#### 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

0.6 mi

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

24 min (19.0 mi)

- ⤴ 4. Merge onto I-10 W

1.4 mi

- ↶ 5. Keep left to stay on I-10 W

7.4 mi

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

0.5 mi

- ↑ 7. Continue onto US-90 W

9.7 mi

#### Continue on Choupique Rd. Drive to Gum Island Rd

6 min (4.3 mi)

- ↶ 8. Turn left onto Choupique Rd

3.0 mi

- ↷ 9. Turn right onto Gum Island Rd

**i** Destination will be on the right

1.3 mi

### 3201-3481 Gum Island Road

Sulphur, LA 70665

Office of Conservation

DEC 28 2016

Environmental Division

09-16007

019-166107

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

**LOUISIANA DEPARTMENT OF NATURAL RESOURCES**  
**OFFICE OF CONSERVATION, ENVIRONMENTAL DIVISION**  
**WATER WELL REGISTRATION SHORT FORM (DNR-GW-1S)**

**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**.

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 (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 ' 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 Rd and Gum Island Rd Int.

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

FOR MONITOR/PIEZO/RECOVERY WELLS ONLY				
SECTION	TOWNSHIP	RANGE	ELEVATION	QUAD NO.
1 5	1 0 S	1 1 W	1 5	1 7 7 A

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)

FROM	TO	DESCRIPTION
0	6	GRAY & TAN CLAY
6	8	GRAY TAN SILTY CLAY
8	12	GRAY CLAY
12	15	SANDY CLAYEY SILT
		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: 12-21-16*

<b>FOR OFFICE USE ONLY</b>	PARISH	WELL NO.	GEOLOGIC UNIT
	<u>019</u>	<u>166107</u>	
	LATITUDE	LONGITUDE	SECTION
	TOWNSHIP	RANGE	ELEVATION
REGISTERED BY:	<u>CU</u>	DATE:	<u>12/28/16</u>
INSPECTED BY:		DATE:	
REMARKS:			

**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

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

**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: [Signature] Date: 12-21-16*

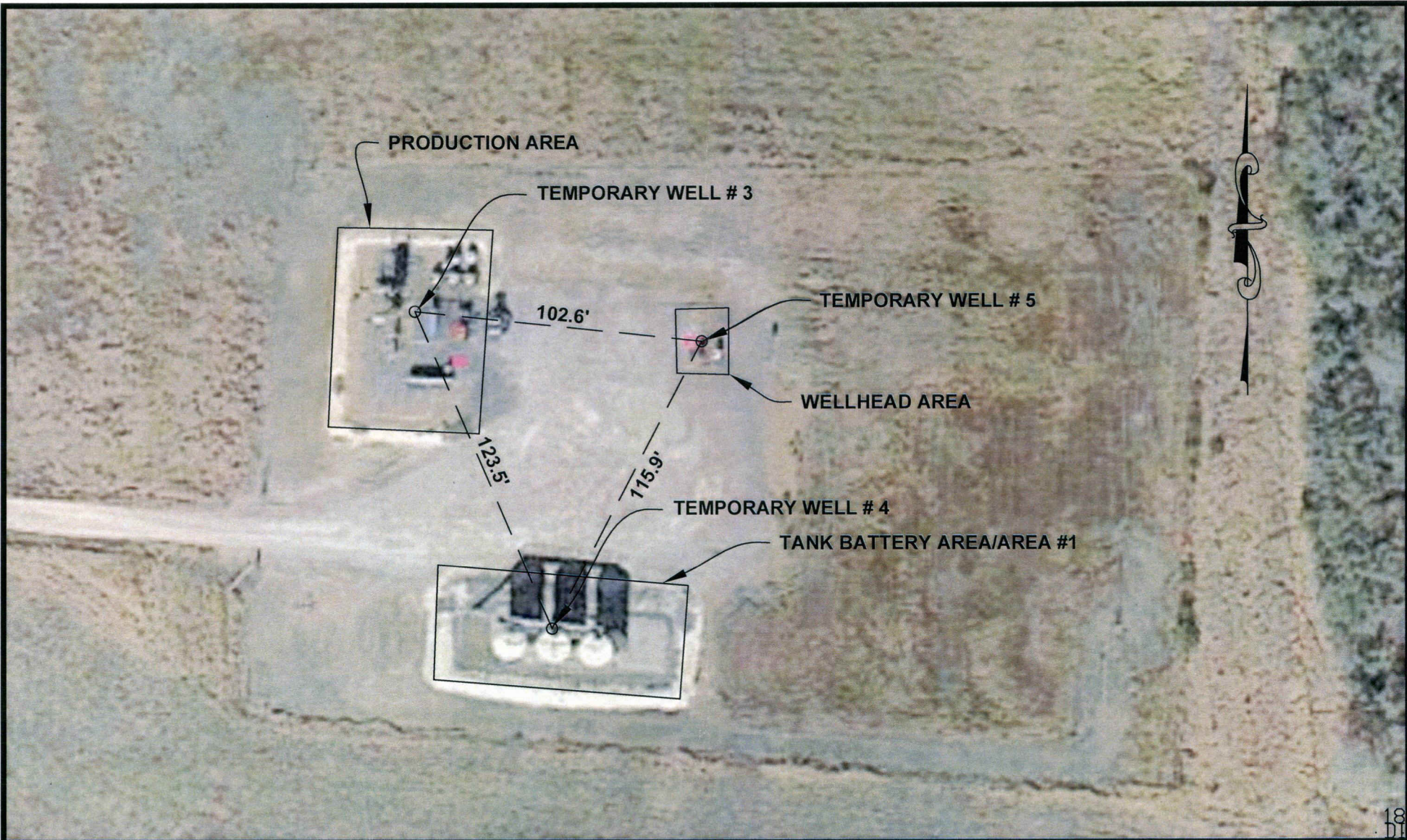
FOR MONITOR/PIEZO/RECOVERY WELLS ONLY																			
SECTION				TOWNSHIP				RANGE				ELEVATION				QUAD NO.			

**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**.

<b>FOR OFFICE USE ONLY</b>	PARISH	WELL NO.	GEOLOGIC UNIT
	<u>019</u>	<u>166107</u>	
	LATITUDE	LONGITUDE	SECTION
	TOWNSHIP	RANGE	ELEVATION
		QUAD NO.	
REGISTERED BY:	<u>CW</u>	DATE:	<u>12/28/16</u>
INSPECTED BY:		DATE:	
REMARKS:			

D19-166107



G:\16-36\CADD\GROUND WATER.DWG

**A  
E** inc.  
**ACADIAN ENGINEERS**  
 &  
**ENVIRONMENTAL CONSULTANTS INC.**  
 1601 AMAZON ST.  
 EUNICE, LOUISIANA  
 337-457-1492

PROJECT NO.:	16-AE-36
DRAWN BY:	JFM
DATE:	12-20-16
SCALE:	1" = 50'

## TEMPORARY WELL LOCATION MAP

H.C. DREW ESTATE 15 #1  
 NEUMIN PRODUCTION  
 CARLYSS, LOUISIANA

Environmental Division

DEC 27 2016

Office of Conservation





**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: 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 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

5. **REMARKS:** WELL P&A SUBCONTRACTOR: DEVONIAN GROUP, 148-C EASY ST., LAFAYETTE, LA (WWC-680) 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://sonris.com>  
 2) Click on **Data Access** in the left hand panel.  
 3) Under the section labeled **Conservation**, click on **Ground Water Information**.

<b>FOR OFFICE USE ONLY</b>	PARISH	WELL NO	GEOLOGIC UNIT
	019	166117	112C HCTC
	LATITUDE	LONGITUDE	SECTION
	TOWNSHIP	RANGE	ELEVATION
REGISTERED BY:	<u>CW</u>	DATE:	<u>12/28/16</u>
INSPECTED BY:		DATE:	
REMARKS:			

019-166117

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

**LOUISIANA DEPARTMENT OF NATURAL RESOURCES**  
**OFFICE OF CONSERVATION, ENVIRONMENTAL DIVISION**  
**WATER WELL REGISTRATION SHORT FORM (DNR-GW-1S)**

01A-166127

**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**.

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

FOR MONITOR/PIEZO/RECOVERY WELLS ONLY														
SECTION		TOWNSHIP			RANGE		ELEVATION		QUAD NO.					
1	5	1	0	S	1	1	W		1	3	1	7	7	A

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)

FROM	TO	DESCRIPTION
0	6	GRAY & TAN CLAY
6	8	GRAY TAN SILTY CLAY
8	12	GRAY CLAY
12	15	SANDY CLAYEY SILT
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: 12-21-16*

<b>FOR OFFICE USE ONLY</b>	PARISH	WELL NO.	GEOLOGIC UNIT
	019	166127	112C4C7C
	LATITUDE	LONGITUDE	SECTION
	TOWNSHIP	RANGE	ELEVATION
	QUAD NO.		
REGISTERED BY:	<u>cu</u>	DATE:	<u>12/28/16</u>
INSPECTED BY:		DATE:	
REMARKS:			

**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 #5

2. **LOCATION OF WELL:**  
 GPS Coordinates: 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 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

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

<b>FOR OFFICE USE ONLY</b>	PARISH	WELL NO.	GEOLOGIC UNIT
	019	166127	112CHC TC
	LATITUDE	LONGITUDE	SECTION
	TOWNSHIP	RANGE	ELEVATION
REGISTERED BY:	<u>CW</u>	DATE:	<u>12/28/16</u>
INSPECTED BY:		DATE:	
REMARKS:			

019-166127

019-168453

**MAIL ORIGINAL TO:**

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

**NOUISIANA DEPARTMENT OF NATURAL RESOURCES**  
**OFFICE OF CONSERVATION, ENVIRONMENTAL DIVISION**  
**WATER WELL REGISTRATION SHORT FORM (DNR-GW-1S)**

**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**.

**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  
Serial Number (Rig Supply Only): N/A

**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

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

FOR MONITOR/PIEZO/RECOVERY WELLS ONLY																										
SECTION					TOWNSHIP					RANGE					ELEVATION					QUAD NO.						
0	1	5			1	0	S			1	1	W			0	0	1	3			1	7	7	A		

**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)

FROM	TO	DESCRIPTION
0	10	Brown Silty Clay
10	20	Grey & Brown Silty Clay w/Sand
Office of Conservation		
MAR 12 2018		
Environmental Division		

**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*

<b>FOR OFFICE USE ONLY</b>	PARISH	WELL NO.	GEOLOGIC UNIT
	019	168453	112CHK7C
	LATITUDE	LONGITUDE	SECTION
	TOWNSHIP	RANGE	ELEVATION
	QUAD NO.		
REGISTERED BY:	<u>MB</u>	DATE:	<u>2/13/18</u>
INSPECTED BY:		DATE:	
REMARKS:			

**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 Office of Conservation  
 Phone Number: ( 361 ) 987-8920  
 Owner's Well Number: TW #6

MAR 12 2018

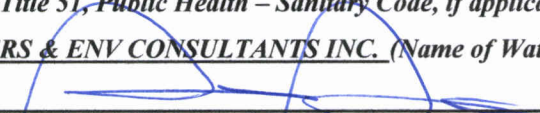
2. **LOCATION OF WELL:**  
 GPS Coordinates: Latitude: 30 ° 11 ' 43.38 " Longitude: 93 ° 28 ' 46.61 "  
 Parish: CALCASIEU ; Physical Address: N/A Environmental Division  
 Well is Near, VINTON, LA Approximately 2 miles from (Crossroads, Railroad, any Landmark, etc.) NE OF FABACHER ROAD AND GUM ISLAND 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.: 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)

*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:**  **Date:** 3-7-18

FOR MONITOR/PIEZO/RECOVERY WELLS ONLY																
SECTION			TOWNSHIP			RANGE			ELEVATION				QUAD NO.			
0	1	5	1	0	S	1	1	W	0	0	1	3	1	7	7	A

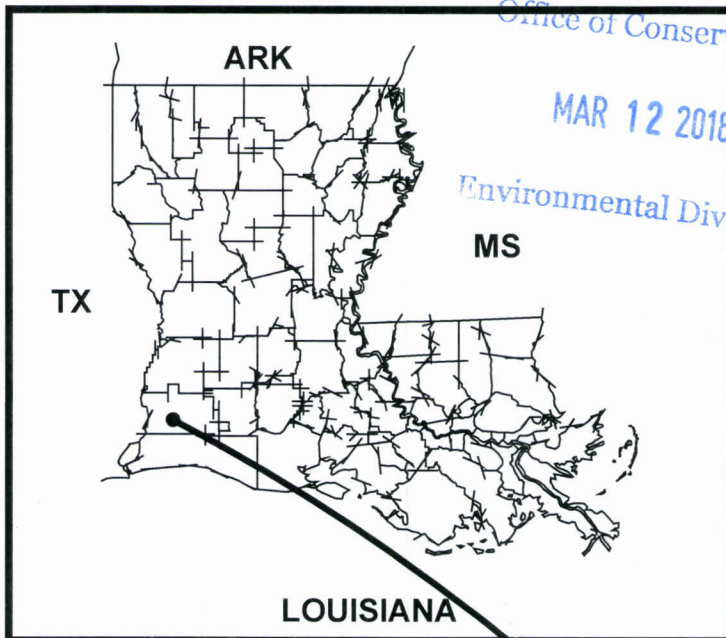
**MAIL ORIGINAL TO:**  
 Louisiana Dept. of Natural Resources  
 Attn: Ground Water Resources  
 P.O. Box 94275  
 Baton Rouge, LA 70804-9275  
 Ph. (225) 342-8244 Fax (225) 242-3505

**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**.

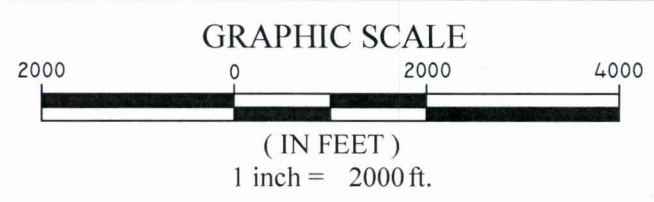
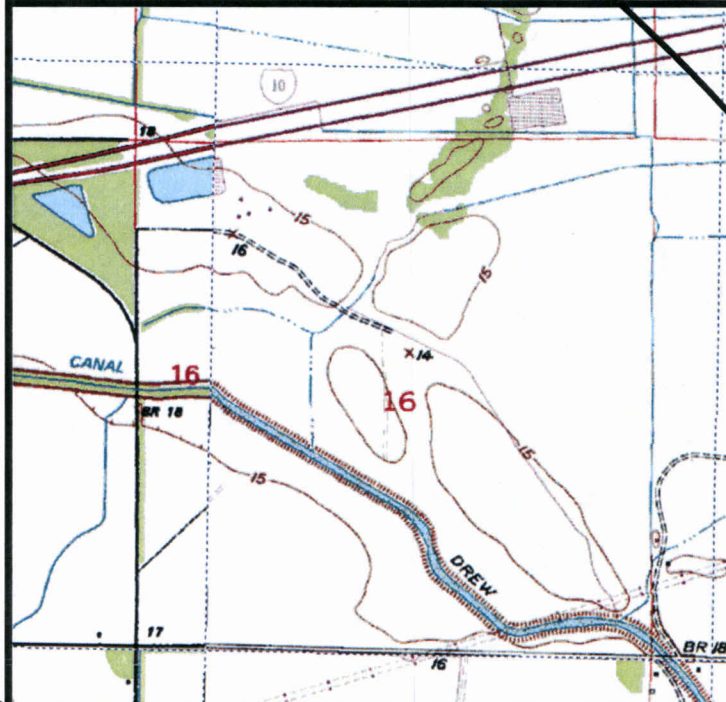
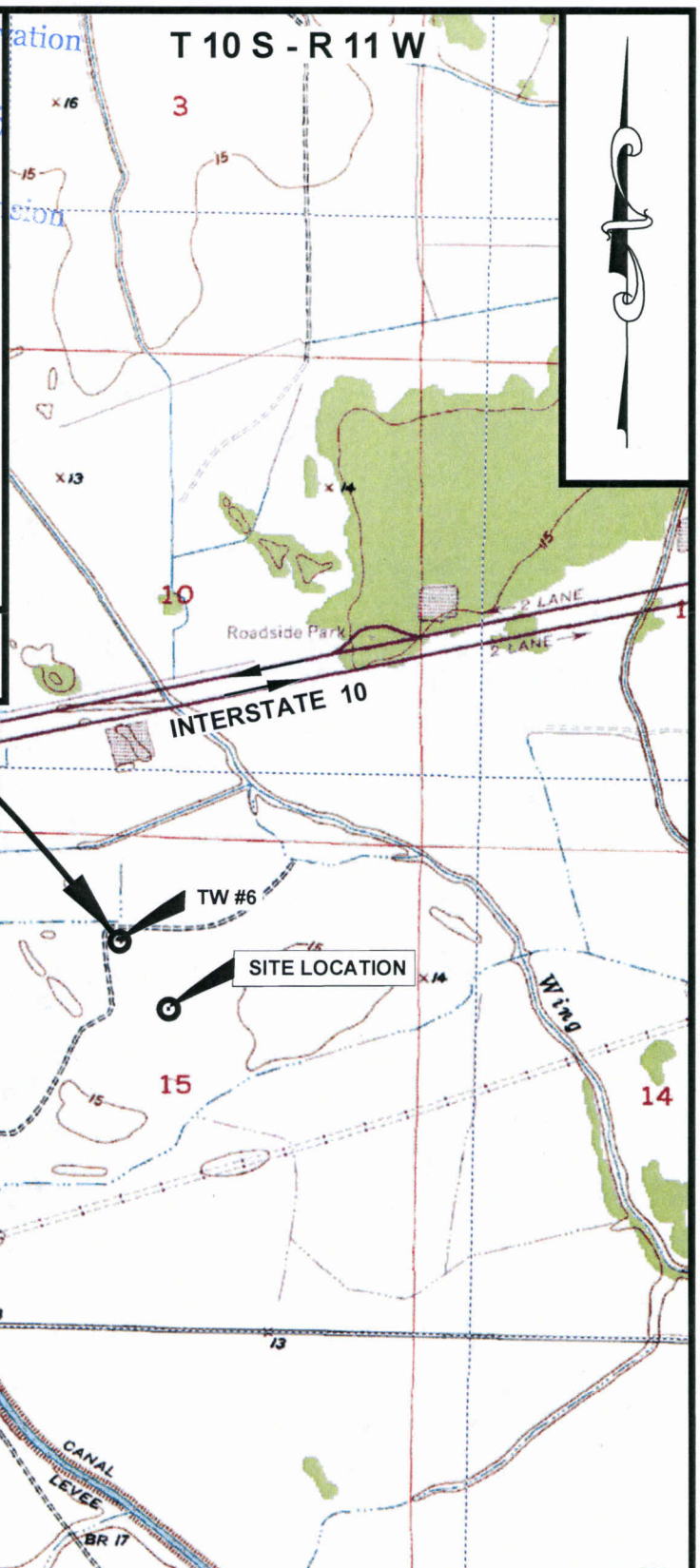
<b>FOR OFFICE USE ONLY</b>	PARISH	WELL NO.	GEOLOGIC UNIT
	<u>019</u>	<u>16845Z</u>	<u>112CXC+5</u>
	LATITUDE	LONGITUDE	SECTION
	<input type="text"/>	<input type="text"/>	<input type="text"/>
	TOWNSHIP	RANGE	ELEVATION
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
REGISTERED BY:	<u>MB</u>	DATE:	<u>3/13/18</u>
INSPECTED BY:	<input type="text"/>	DATE:	<input type="text"/>
REMARKS:	<input type="text"/>		

619-16845Z

Office of Conservation  
MAR 12 2018  
Environmental Division



**SITE LOCATION**



G:\16-36\CADD\FIGURE 1 Site Location Map.dwg

**A  
E** inc.  
**ACADIAN ENGINEERS  
&  
ENVIRONMENTAL CONSULTANTS INC.**  
1601 AMAZON ST.  
EUNICE, LOUISIANA  
337-457-1492

PROJECT NO.:  
**16-AE-36**  
DRAWN BY:  
**JFM**  
DATE:  
**03-08-18**  
FIGURE NO.:  
**1**

**TW #6 SITE LOCATION MAP  
NEUMIN PRODUCTION COMPANY**  
SECTION 15, T10S - R11W  
CALCASIEU PARISH, LOUISIANA

019-16845-2

**LOUISIANA DEPARTMENT OF NATURAL RESOURCES**  
**OFFICE OF CONSERVATION, ENVIRONMENTAL DIVISION**  
WATER WELL INSPECTION REPORT

PARISH	WELL NO.	LATITUDE	LONGITUDE	
019	108452	301143.2	932844.5	
SECTION	TOWNSHIP	RANGE	ELEVATION	QUAD No.
-15	10S	11W	-12	177A

WELL CONSTRUCTION	YES	NO	N/A
Annular space is properly grouted			
Proper sanitary seal provided			
Well properly sealed			
Corner posts around rig supply			
A vent (breather pipe) is provided			
A sampling tap is provided			
Well is properly plugged and abandoned	✓		

WELL LOCATION		YES	NO	N/A
Sources of Contamination	Minimum Distance (in feet)			
Septic Tanks	50			
Storm or Sanitary Sewer	50 <sup>1</sup>			
Cesspools, outdoor privies, oxidation ponds, subsurface absorption fields, pits, etc.	100 <sup>2</sup>			
Sanitary landfills, feed lots, manure piles, solid-waste dumps and similar installations	100			
Another water well	25 <sup>3</sup>			
Drainage canal, ditch, stream, pond or lake	50 <sup>4</sup>			

<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: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

INSPECTED BY: Ronnie Civella      DATE: 4-26-10      DISTRICT: 07  
 WELL OWNER: Neumin Production Company

019-108452