

State Well Report

Part 1 - Driller's Log

Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 2309
Jackson, MS 39225
(601)961- 5210
(601)961- 5228 (fax)

County: Amite
Permit #: _____
Driller: Fasline Services
Date drilling completed: 5-22-12

For Office Use Only:
Aquifer: _____
Well #: S57
L. S. Elevation: _____
E-log #: _____

State Law requires that this report be prepared by the license holder responsible for the work and filed with the Department at the above address within 30 days of completion of drilling of the well or borehole.

Information on Well Owner (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Goodrich</u>	Latitude: <u>31° 00' 01.6"</u> Longitude: <u>90° 48' 41.7"</u>
Mailing Address: <u>801 LOUISIANA ST</u> <u>Suite 700</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS
<u>Houston</u> TX <u>77002</u> City State Zip Code	<u>SE</u> ¼ <u>SW</u> ¼ Sec <u>33</u> ✓ Twn <u>1N</u> ✓ Rng <u>4E</u> ✓
Telephone No. <u>(903) 947-2055</u>	Distance <u>14</u> Miles Direction <u>South</u> of Nearest Town <u>Liberty</u>

Well / Borehole Data

Date drilling started: 5-21-12 Date drilling completed: 5-22-12 Hole depth: 320 Hole diameter: 7 7/8

Location of the source of any surface water used for drilling: City of Liberty
Method of dosing and volume of Chlorine used in drilling and development: _____

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____
Name of organization running log(s): _____

Purpose of borehole (check one): Water Well Geotechnical/Geological Investigation _____ Ground Source Heat Pump _____
Seismic Survey _____ Other (describe) _____

If drilling is not related to water well construction, skip the remainder of this block

Purpose of Well (check one): Home _____ Industrial _____ Public Supply _____ Irrigation _____ Fish Culture _____ Other: Rig Supply

If a flowing well, method of flow regulation: Valve _____ Other (describe) _____

Static Water Level: 50 feet above or below (circle one) land surface Date measured: 5-24-12

Method of Measurement (circle one) _____ electric tape air line other: _____

Well depth: 320 Well grouted to a depth of 10 feet Type of grout (circle one) Neat Cement Bentonite Mix

Casing length: 280 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 4 inches Type of screen: PVC .020

Screen slot size: .020 inches Setting depth: From 280 feet to 320 feet

Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development
Other (describe): _____

Top of lap pipe or reduction in casing: _____ feet. *If telescoped or more than one screen, describe on next page*

Form: OLWR-SWR-1A (04/08)

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JUN 04 2012

BY: OLWR

STATE WELL REPORT

Part 2

Pump Installer's Completion Report
 Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P.O. Box 2309
 Jackson, MS 39225
 (601)961-5210
 (601)961-5228 (fax)

County: Amite
 Permit #: _____
 Driller: FASline Services
 Date completed: 5-22-12
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: S57
 Elevation: _____

This part of the report must be completed by a licensed water well contractor or a licensed pump installer. A copy of Part 1 of the report must be attached and both parts filed with the Department at the above address within 30 days of well completion.

Well Owner Information	Well Location
Owner Name: <u>Goodrich</u>	Latitude: <u>31° 00' 01.6"</u> Longitude: <u>90° 48' 41.7"</u>
Mailing Address: <u>801 Louisiana St</u> <u>Suite 700</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____ <u>Hand-held GPS</u> _____, Survey-grade GPS _____
<u>Houston TX 77002</u> City State Zip Code	_____ 1/4 _____ 1/4 Sec <u>33</u> T <u>1N</u> R <u>4E</u>
Telephone No. () _____	Distance Direction Nearest Town <u>14</u> Miles <u>South</u> of <u>Liberty</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input checked="" type="radio"/> <u>Submersible</u>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	Electric Motor Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): <u>Rig Power</u>
Other (specify): _____	Horse Power Rating of Motor: <u>7.5</u>
Date Pump Installed: <u>5-24-12</u>	Setting Depth: <u>210</u> feet
Rated Pump Capacity: <u>75</u> Gallons Per Minute	Number of Stages: <u>12</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>5-24-12</u>	<input checked="" type="radio"/> <u>Air Line</u> Electric Measuring Line Steel Tape
Static Water Level (A): <u>50</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>150</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>100</u> Feet Below Land Surface	Well yielded <u>75</u> GPM with a drawdown of
Test Pumping Rate: <u>75</u> Gallons Per Minute	<u>50</u> feet after <u>2</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>4</u> hours	

This is for (circle one): New Well Replacement of Existing Pump Repair of Existing Pump

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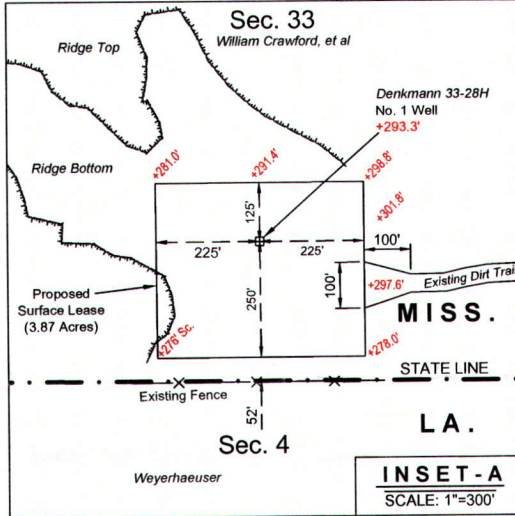
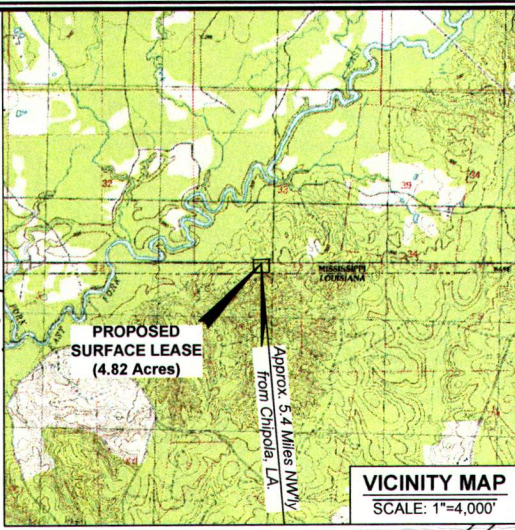
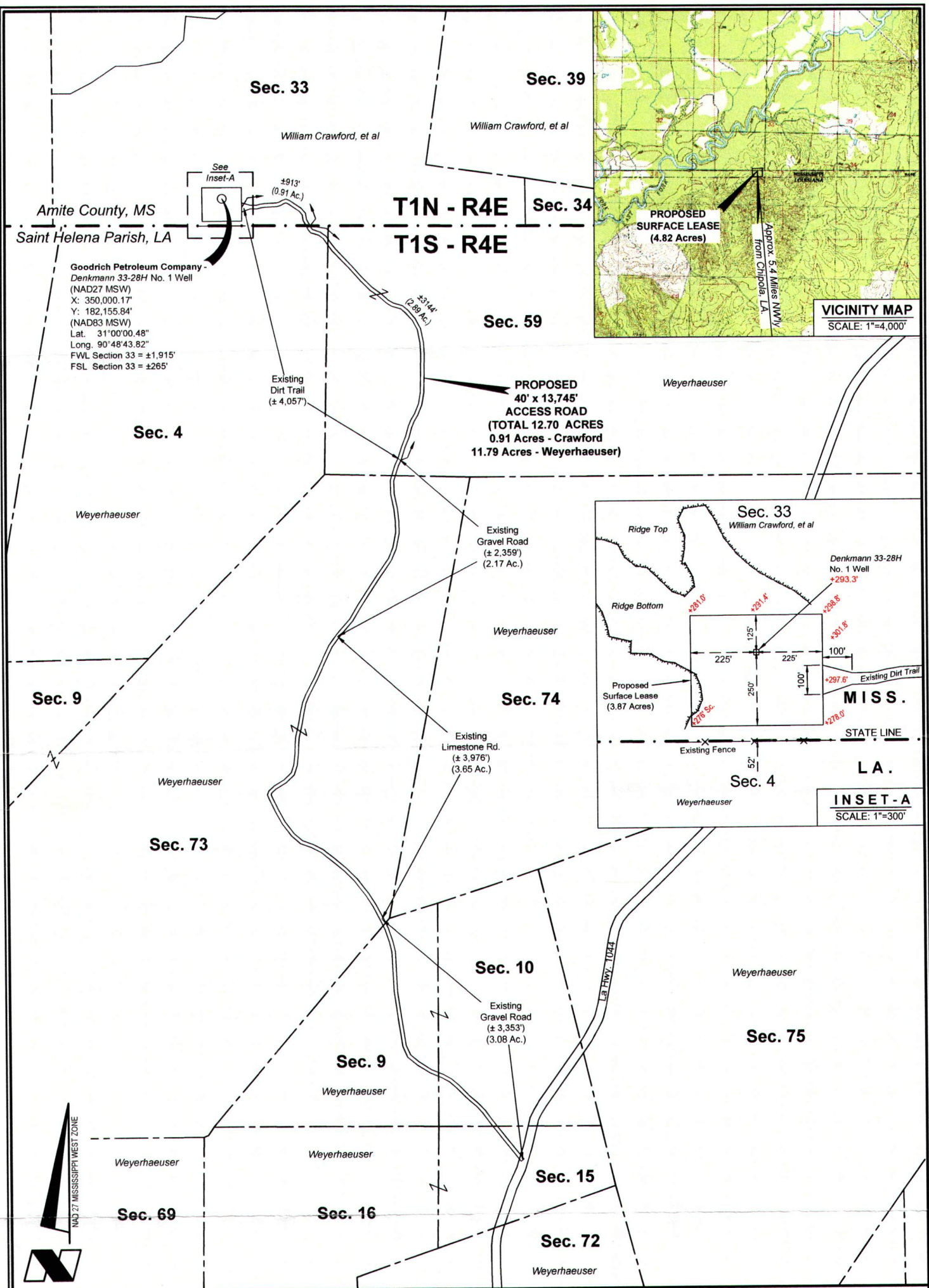
I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

Tracey A. Knight
 Print Name of Pump Installer and License No. (if applicable)

Tracey A. Knight
 Signature of Pump Installer

JUN 04 2012

BY: OLWR



Goodrich Petroleum Company -
Denkmann 33-28H No. 1 Well
(NAD27 MSW)
X: 350,000.17'
Y: 182,155.84'
(NAD83 MSW)
Lat. 31°00'00.48"
Long. 90°48'43.82"
FWL Section 33 = ±1,915'
FSL Section 33 = ±265'

**PROPOSED
40' x 13,745'
ACCESS ROAD
(TOTAL 12.70 ACRES
0.91 Acres - Crawford
11.79 Acres - Weyerhaeuser)**

**PROPOSED SURFACE LEASE
(4.82 Acres)**

**INSET - A
SCALE: 1"=300'**

GOODRICH PETROLEUM COMPANY
PROPOSED SURFACE LEASE & ACCESS ROAD
Denkmann 33-28H No. 1 Well
Section 33, T1N-R4E
Amite County, Mississippi



135 Regency Sq. Lafayette, LA 70508
Ph. 337-237-2200 Fax. 337-232-3299
www.fenstermaker.com



DRAWN BY: JDL	REVISIONS		
PROJ. MGR.: MBD	No. 1	DATE: 05/03/2012	REVISED BY: MBD
DATE: 04/19/2012	No.	DATE:	REVISED BY:
FILENAME: T:\2012\2124002\DWG\Goodrich-Denkman_33-28H_No.1_Well_SURF03-08-2012.dwg			

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