

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 39225-2309
(601)961-5210
(601)360-0535 (fax)

For Office Use Only:

Well #: U121
Aquifer: _____
E-Log #: _____

County: Amite
Permit #: ~~MS GW 17019~~
Driller: Clint Sussler
Date drilling completed: 4-10-13

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.

Well Owner Information <small>(Landowner if borehole is not for a water well)</small>	Well or Borehole Location
Owner Name: <u>Goodrich Petroleum</u>	Latitude: <u>N 31° 05.068'</u> Longitude: <u>W 90° 37.103'</u>
Mailing Address: <u>801 Louisiana St</u> <u>Suite 700</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Houston</u> City <u>TX</u> State <u>77002</u> Zip Code	<u>NW</u> ¼ <u>NE</u> ¼, Sec <u>5</u> T <u>1N</u> R <u>6E</u>
Telephone No. () _____	<u>6</u> Miles <u>NE</u> of <u>Gillsburg</u> (Distance) (Direction) (Nearest Town)

Well / Borehole Data

Date drilling started: 4-10-13 Date drilling completed: 4-10-13 Hole depth: 85' Hole diameter: 8 1/2"

Location of the source of any surface water used for drilling: N/A

Method of dosing and volume of Chlorine used in drilling and development: N/A

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____

Name of organization running log(s): _____

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

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

Purpose of Well (circle all applicable): Home Industrial Public Supply Irrigation Fish Culture

Other (describe): Rig Supply

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

Static Water Level: 10 feet [above or (below) land surface] Date measured: 4-11-13
(circle one)

Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): _____

Well depth: 80' Well grouted to a depth of: 12 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 40 feet Casing diameter: 4 inches Type of casing: 4" sch 40 PVC

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

Screen slot size: 1020 inches Setting depth: From 40 feet to 80 feet

Type of completion (circle all applicable): Gravel packed Underreamed 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

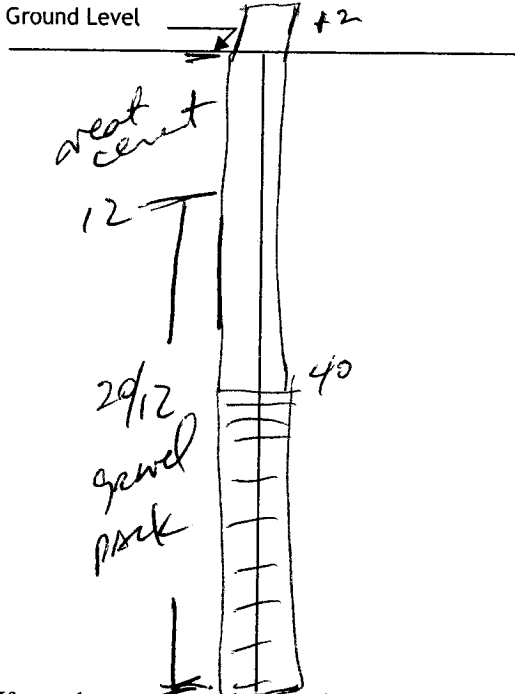
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MAY 13 2013
BY: OLWR

County: Amite
 Permit #: GW17019

For Office Use Only:
 Well #: U121

The sketch below only required for water wells

If well telescopes, show depths on sketch.



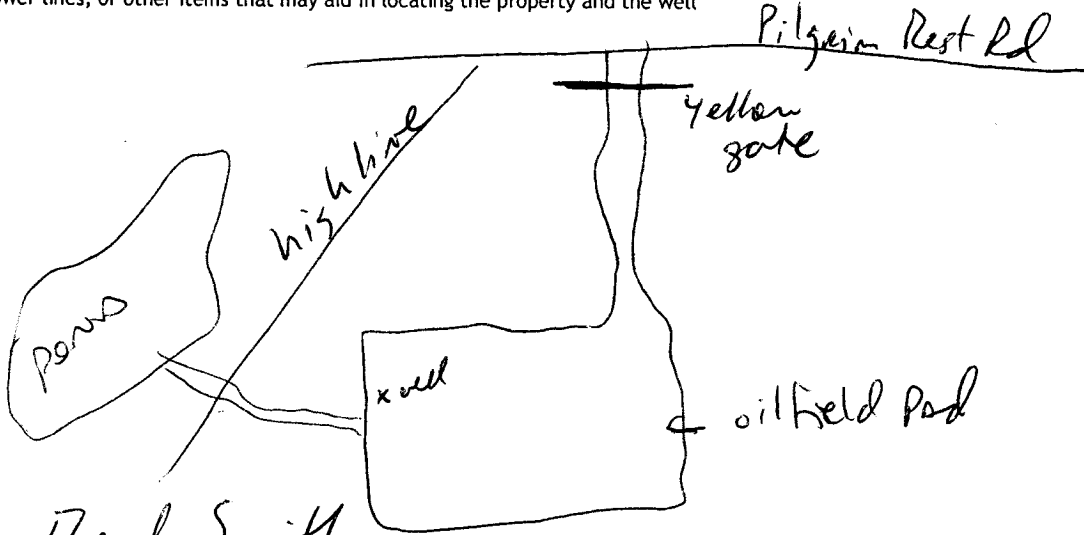
If more than one screen, show location of each on sketch

Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
Clay	Ground level	20
Clay 15' interval	20	40
Sand & fine gravel	40	60
Sand & peag gravel	60	80

Sketch the property layout and include the following:

- 1) the well location
- 2) any permanent structures on the property that may aid in locating the well
- 3) any roads, power lines, or other items that may aid in locating the property and the well
- 4) north arrow



Landowner Name: Randy Smith

I HEREBY CERTIFY that the well/borehole was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and the Mississippi Department of Health regulations, if applicable, and state laws.

Print Name of Responsible Licensee and License No. _____ Date _____ Signature of Licensee _____

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 39225-2309
 (601)961-5210
 (601) 360-0535 (fax)

For Office Use Only:

Well #: 11121
 Aquifer: _____

County: Amite
 Permit #: MS-6W-17019
 Driller: Clint Scrimsey
 Date completed: 4-10-13
Copy information from block on Part 1

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 Petroleum</u>	Latitude: <u>N 31° 05' 00"</u> Longitude: <u>W 90° 37' 10"</u>
Mailing Address: <u>801 Louisiana St</u>	Method of Lat/Long (check one): Conventional Survey _____,
<u>Suite 700</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Houston</u> <u>TX</u> <u>77002</u>	<u>NE</u> ¼ <u>NW</u> ¼, Sec <u>05</u> T <u>01N</u> R <u>06E</u>
City State Zip Code	<u>6</u> Miles <u>NE</u> of <u>Gillsburg</u>
Telephone No. (____) _____	(Distance) (Direction) (Nearest Town)

Pump Type (circle one)

Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____

Date Pump Installed: 4-11-13 Rated Pump Capacity: 80 Gallons Per Minute

Is This Pump (circle one): New Repaired Replacement Rental - used

Power Type (circle one)

Electric Diesel Gasoline Natural Gas Tractor PTO Windmill Other (describe): _____

Horse Power Rating of Motor: 7.5 Setting Depth: 75 feet Number of Stages: 12

Pump Test Data for Non Flowing Well

Date Well Tested: 4-11-13 Duration of Pump Test (minimum 4 hours): 24 hours

Static Water Level (A): 10 Feet Below Land Surface Pumping Water Level (B): 70 Feet Below Land Surface

Drawdown [(B) - (A)]: 60 Feet Below Land Surface Test Pumping Rate: 80 Gallons Per Minute

Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): _____

Pump Test Data for Flowing Well

Measured shut in head: _____ feet.

Well yielded 80 GPM with a drawdown of 60 feet after 24 hours of pumping

Meter Installation

Meter Manufacturer: meta Rilm Meter Serial Number: _____

Meter Model Number/Name: _____ Type of Meter: 2" gpm

Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): gal x 100

Installation Date: 4-11-13 Meter installed by: Clint Scrimsey

Is This Meter (circle one): New Repaired Replacement Used Rental 201 p.s reading

Important: By submitting the above information you are certifying that this meter was installed to manufacturer standards. For agricultural wells, a list of approved meters is on the MDEQ website.

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

Clint Scrimsey UNR5313 5/9/13 Clint Scrimsey

Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

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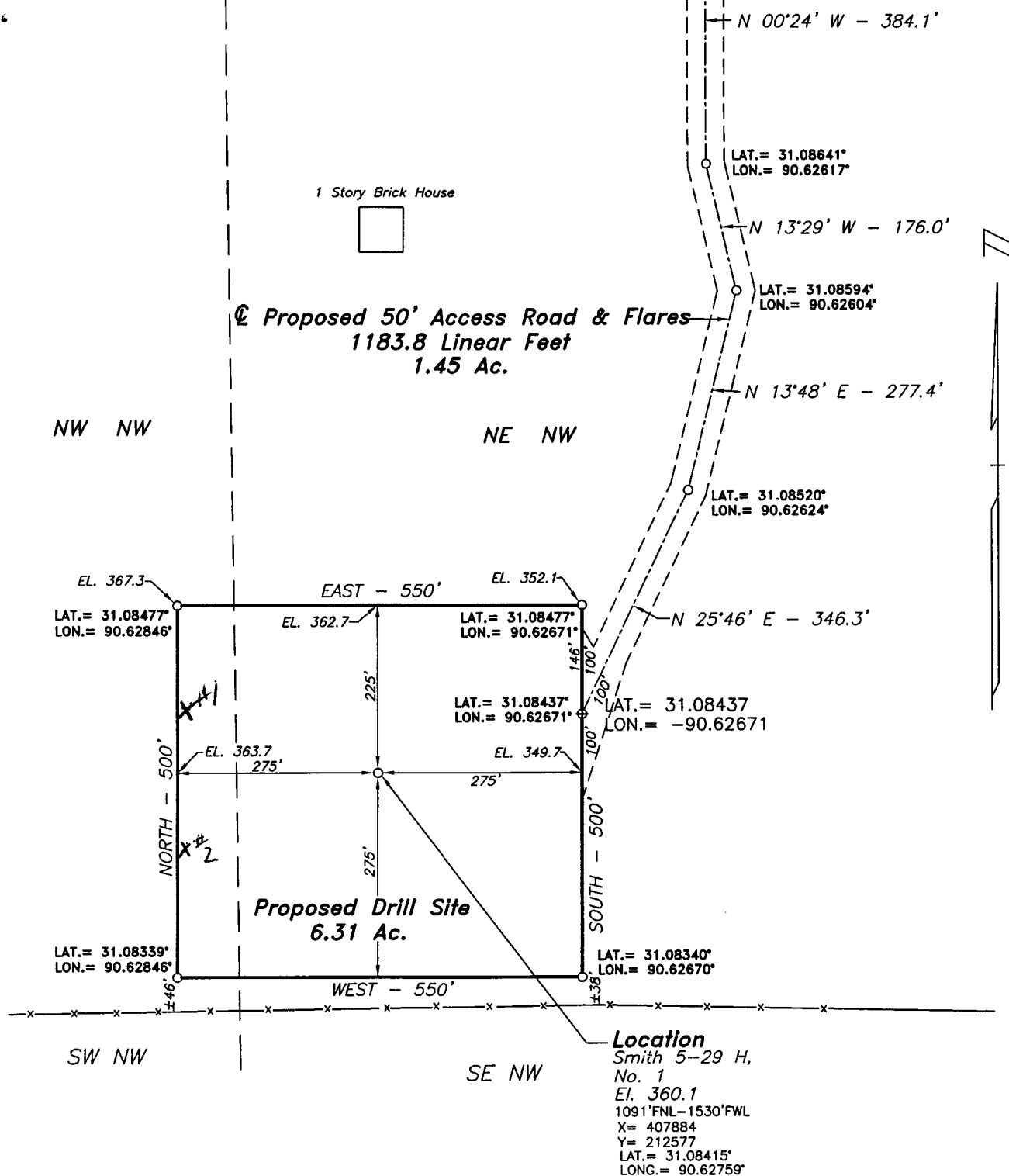
BY: OLWR

Form: OLWR-SWR-1B (4/13)

SECTION 5, T1N-R6E

Amite Co. Miss

Li 121



NOTE: Coordinates Based On Transverse Mercator-NAD27 Mississippi West Zone.

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PROPOSED DRILL SITE & ACCESS ROAD

FOR

GOODRICH PETROLEUM COMPANY, L.L.C.
SECTION 5, T1N - R6E &
SECTION 32, T2N - R6E
AMITE COUNTY, MISSISSIPPI

Well #1 Trig Supply
Well #2 Hydraulic Frac Supply

BY