

Sabine 12 H # 2

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 #: M110
Aquifer: _____
E-Log #: _____

County: Amite
Permit #: _____
Driller: John W Thompson
Date drilling completed: 5-23-14

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 (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Encana</u>	Latitude: <u>31°09'13.1"</u> Longitude: <u>90°51'20"</u>
Mailing Address: <u>14001 N Dallas Parkway Ste 1100</u> <u>Dallas TX 75240</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City _____ State _____ Zip Code _____	<u>SE 1/4 NE 1/4, Sec 12 T 2 N R 3 E</u>
Telephone No. (____) _____	_____ Miles _____ of _____ (Distance) (Direction) (Nearest Town)

Well / Borehole Data

Date drilling started: 5-22-14 Date drilling completed: 5-23-14 Hole depth: 223 Hole diameter: _____

Location of the source of any surface water used for drilling: Liberty fire hydrant

Method of dosing and volume of Chlorine used in drilling and development: add 5 gallons Clorox bleach.

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) _____

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: 64 feet [above or below] land surface Date measured: 5-23-14

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

Well depth: 200 Well grouted to a depth of: 50 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 140 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 60 feet Screen diameter: 4 inches Type of screen: PVC Slotted

Screen slot size: .010 inches Setting depth: From 140 feet to 200 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

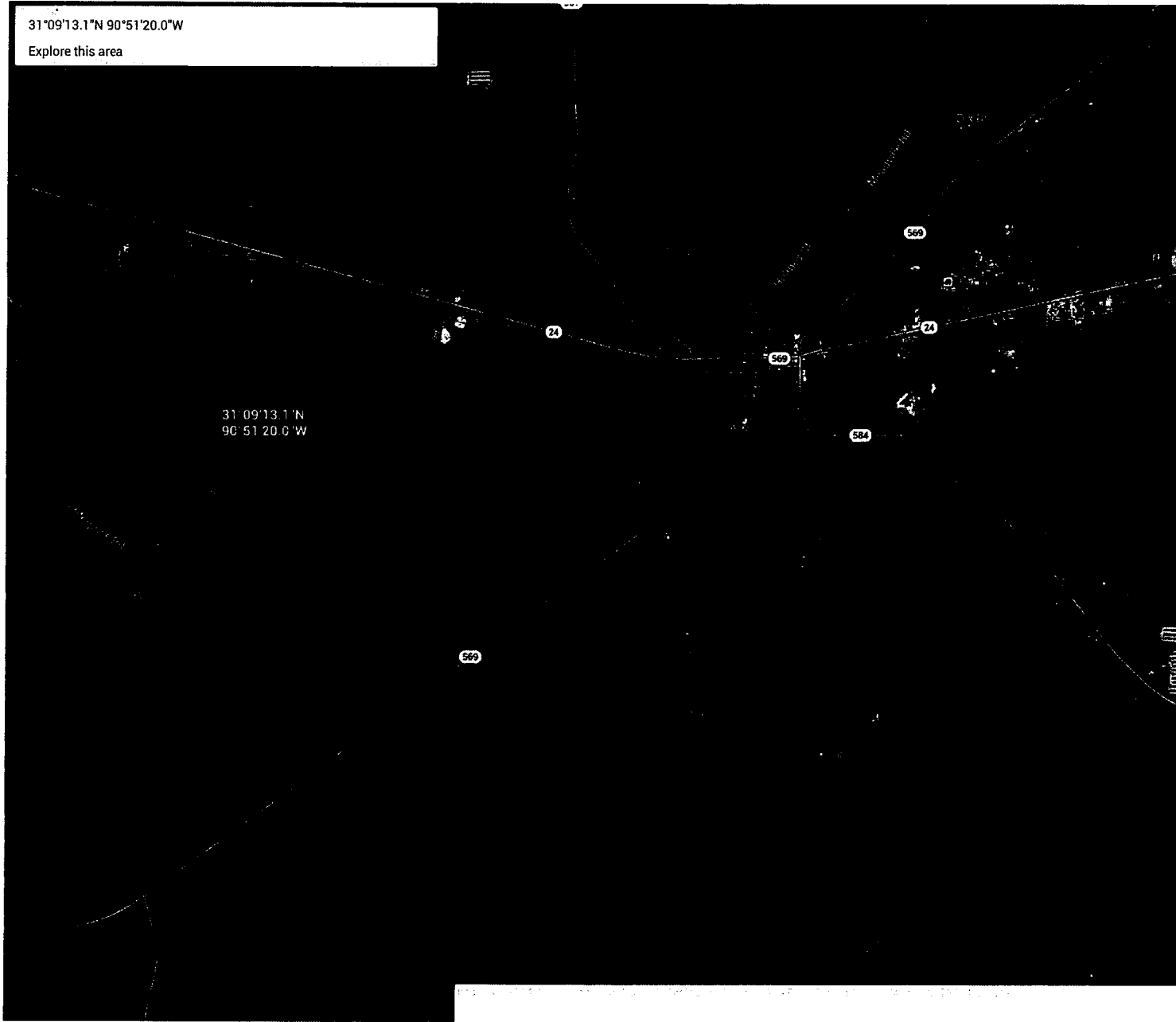
If telescoped or more than one screen, describe on next page

Received
JUN 13 2014
BY OLWR

31°09'13.1"N 90°51'20.0"W

Explore this area

31°09'13.1"N
90°51'20.0"W



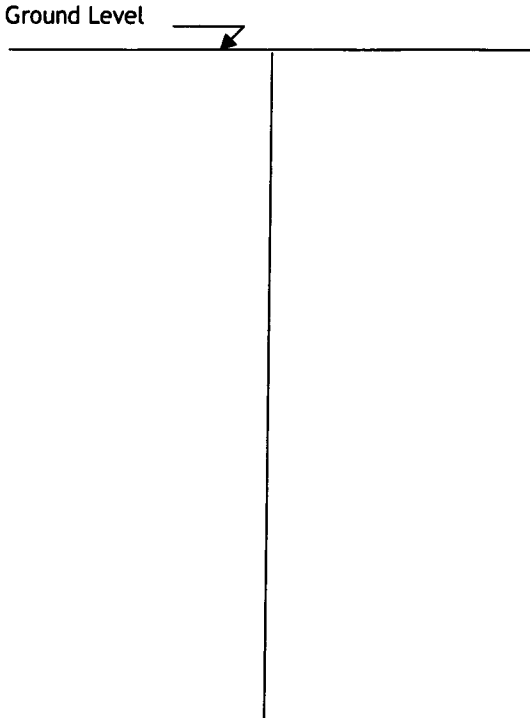
Received
JUN 18 2014
BY OLWR

County: Anite
 Permit #: _____

For Office Use Only:
 Well #: M110

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 + little gravel	Ground level	40
clay + gravel	40	60
gravel + sand	60	80
clay + sand	80	140
sand	140	200
clay	200	223

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

Received
 JUN 13 2014
BY OLWR

Landowner Name: Encana

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.

John W Thompson 0-679 6-3-14 John W Thompson
 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 #: M1110

Aquifer: _____

County: Amite
 Permit #: _____
 Driller: John W Thompson
 Date completed: 5-23-14
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>Encana</u>			Latitude: <u>31°09'13"</u> Longitude: <u>90°51'20"</u>		
Mailing Address: <u>14001 N Dallas Pkway, Ste 1100</u> <u>Dallas TX 75240</u>			Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____		
City	State	Zip Code	SE ¼, NE ¼, Sec <u>12</u> T <u>2N</u> R <u>3E</u>		
Telephone No. (____)			_____ Miles _____ of _____ (Distance) (Direction) (Nearest Town)		

Pump Type (circle one)

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

Date Pump Installed: 5-23-14 Rated Pump Capacity: 85 Gallons Per Minute

Is This Pump (circle one): New Repaired Replacement

Power Type (circle one)

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

Horse Power Rating of Motor: 7.5 Setting Depth: 140 feet Number of Stages: _____

Pump Test Data for Non Flowing Well

Date Well Tested: 5-23-14 Duration of Pump Test (minimum 4 hours): 4 hours

Static Water Level (A): 64 Feet Below Land Surface Pumping Water Level (B): 75 Feet Below Land Surface

Drawdown [(B) - (A)]: 11 Feet Below Land Surface Test Pumping Rate: 66 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 _____ GPM with a drawdown of _____ feet after _____ hours of pumping

Meter Installation

Meter Manufacturer: _____ Meter Serial Number: Received

Meter Model Number/Name: _____ Type of Meter: _____ JUN 13 2014

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

Installation Date: _____ Meter installed by: BY OLWR

Is This Meter (circle one): New Repaired Replacement

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.

John W Thompson 0-679 6-3-14 John W Thompson
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer