

1134

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 #: Q-108-48
Aquifer: _____
E-Log #: _____

County: Amite
Permit #: _____
Driller: John W Thompson
Date drilling completed: 11-17-14

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° 3' 49.8"</u> Longitude: <u>90° 58' 20.3"</u>
Mailing Address: <u>P.O. Box 1457</u> <u>Coushatta LA 71019</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 _____	<u>NW 1/4 SW 1/4, Sec 16 T 1N R 2E</u>
Telephone No. (____) _____	<u>5</u> Miles <u>SE</u> of <u>Centerville</u> (Distance) (Direction) (Nearest Town)

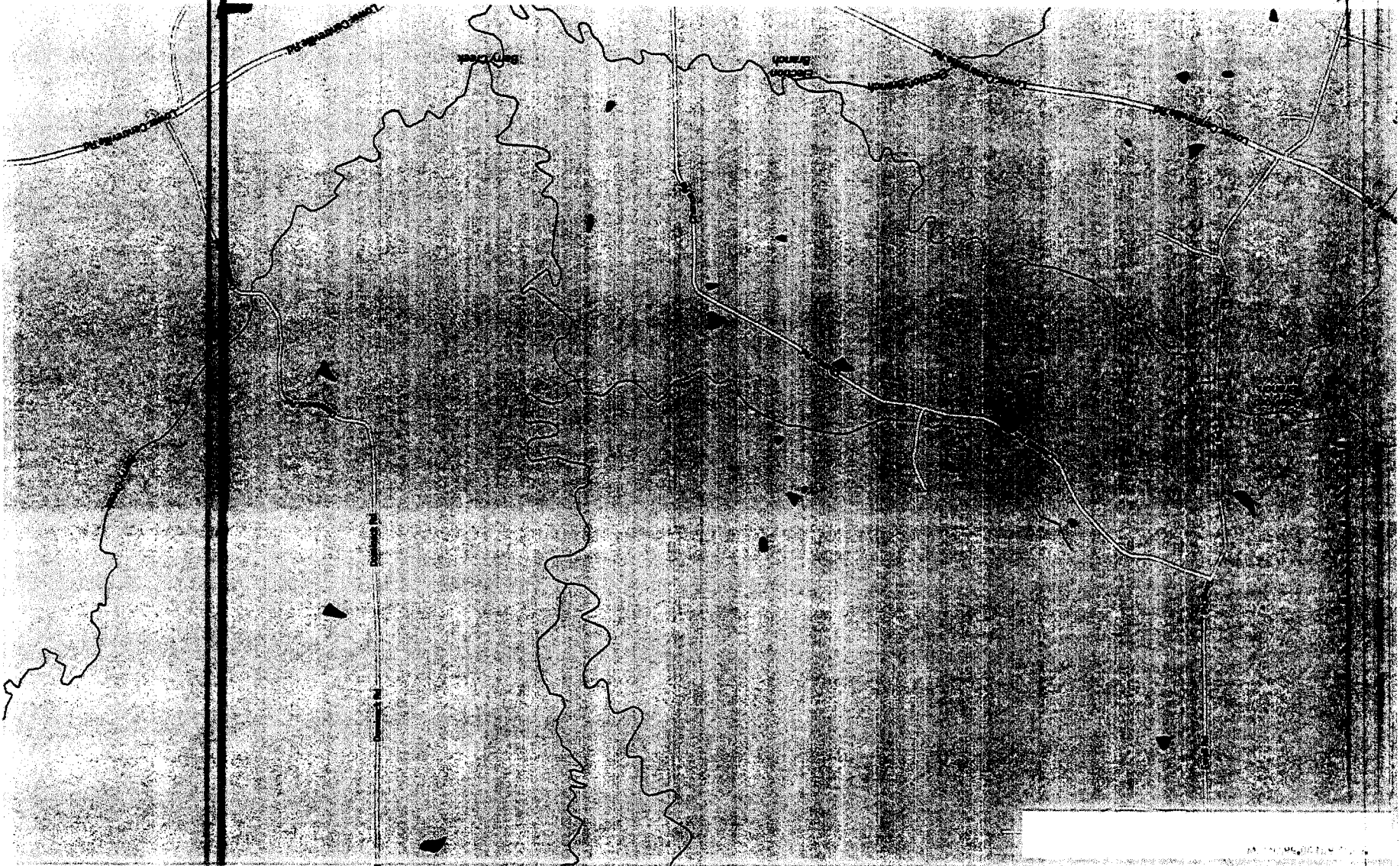
Well / Borehole Data

Date drilling started: 11-14-14 Date drilling completed: 11-17-14 Hole depth: 540 Hole diameter: 7
Location of the source of any surface water used for drilling: Local water well
Method of dosing and volume of Chlorine used in drilling and development: added 8 gallons 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: 103 feet [above or below] land surface Date measured: 11-17-14
(circle one)
Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): _____
Well depth: 540 Well grouted to a depth of: 50 feet Type of grout (circle one): Neat Cement Bentonite Mix
Casing length: 480 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 480 feet to 540 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



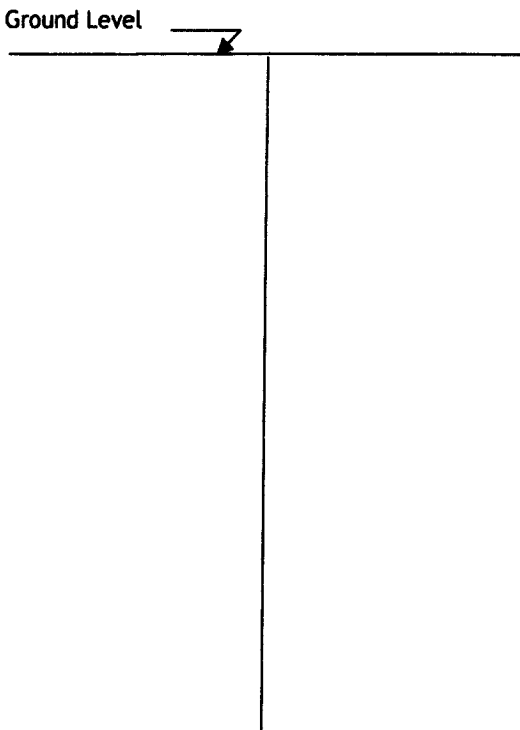
Map data ©2014 Google 1000 ft

County: Amite
 Permit #: _____

For Office Use Only:
 Well #: Q 108

The sketch below only required for water wells
If well telescopes, show depths 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)
Sand & clay	Ground level	120
Clay	120	140
clay & sand	140	240
Sand	240	260
Sand, gravel & clay	260	300
blue clay	300	420
Clay & sand	420	440
Clay	440	460
Clay & little sand	460	480
Sand & gravel	480	540

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

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: 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
 Print Name of Responsible Licensee and License No.

12-8-14
 Date

John W Thompson
 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)

County: Anite
 Permit #: _____
 Driller: John W Thompson
 Date completed: 11-17-14
Copy information from block on Part 1

For Office Use Only:

Well #: Q 108
 Aquifer: _____

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°3'49.8"</u> Longitude: <u>90°58'20.3"</u>
Mailing Address: <u>P.O. Box 1457</u> <u>Coushatta LA 71019</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City _____ State _____ Zip Code _____	<u>NW</u> ¼ <u>SW</u> ¼, Sec <u>16</u> T <u>1N</u> R <u>2E</u>
Telephone No. (____) _____	<u>5</u> Miles <u>SE</u> of <u>Centerville</u> (Distance) (Direction) (Nearest Town)

Pump Type (circle one)

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

Date Pump Installed: 11-17-14 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: 180 feet Number of Stages: _____

Pump Test Data for Non Flowing Well

Date Well Tested: 11-17-14 Duration of Pump Test (minimum 4 hours): 4 hours

Static Water Level (A): 103 Feet Below Land Surface Pumping Water Level (B): 126 Feet Below Land Surface

Drawdown [(B) - (A)]: 23 Feet Below Land Surface Test Pumping Rate: 100 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: _____

Meter Model Number/Name: _____ Type of Meter: _____

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

Installation Date: _____ Meter installed by: _____

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 12-8-14 John W Thompson
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer