

Blount No. 1

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 #: F170
Aquifer: _____
E-Log #: _____

County: Pike
Permit #: _____
Driller: Gary Rayborn
Date drilling completed: 8/5/13

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 (Landowner if borehole is not for a water well) Owner Name: <u>Energy Drilling Inc</u> Mailing Address: <u>P.O. Box 905</u> <u>Natchez MS 39121</u> City State Zip Code Telephone No. <u>(601) 446-5259</u>	Well or Borehole Location Latitude: <u>31° 14' 29.61" N</u> Longitude: <u>90° 20' 04.72" W</u> Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____ <u>SW</u> ¼ <u>NL</u> ¼, Sec <u>7</u> T <u>3N</u> R <u>9E</u> <u>3.8</u> Miles <u>W/NW</u> of <u>Holmesville</u> (Distance) (Direction) (Nearest Town)
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Well / Borehole Data

Date drilling started: 8/5/13 Date drilling completed: 8/5/13 Hole depth: 240' Hole diameter: 4"

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) _____

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: 80 feet [above or (below) land surface] (circle one) Date measured: 8/5/2013

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

Well depth: 240' Well grouted to a depth of: 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 220 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 20 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: .020 inches Setting depth: From 220 feet to 240 feet

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

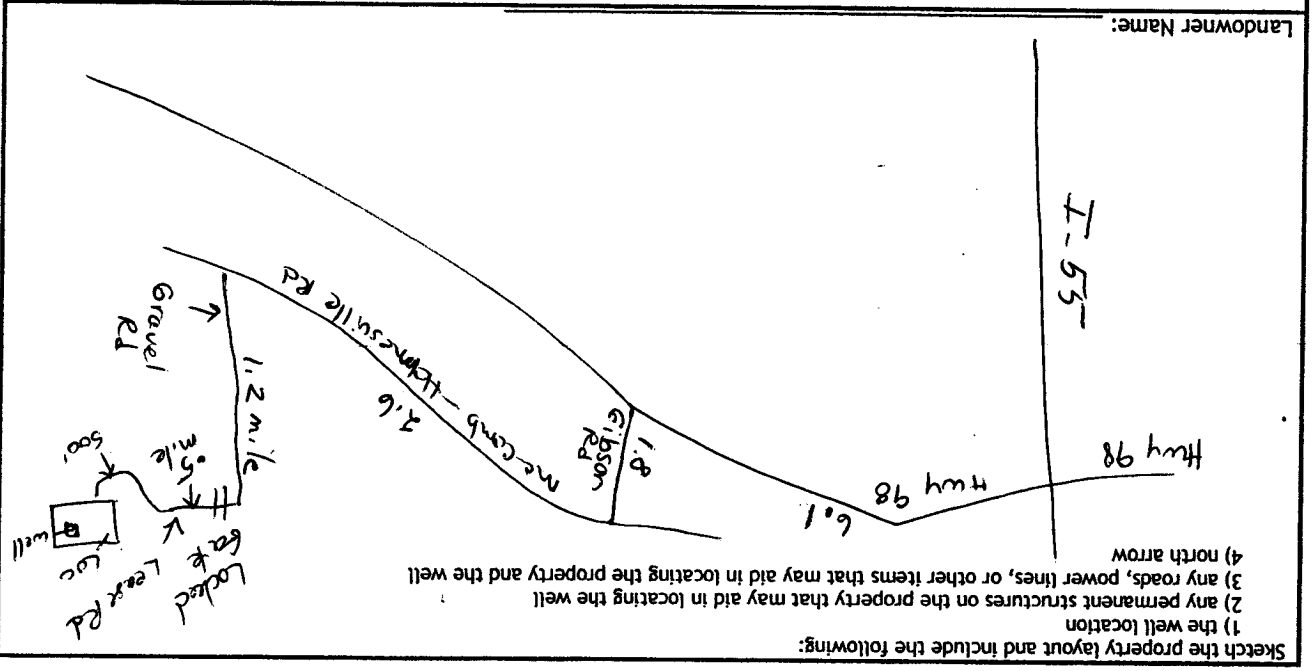
Other (describe): _____

Top of lap pipe or reduction in casing: _____ feet

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

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. Rayborn Drilling 00-60
 Date 8/6/13
 Signature of Licensee [Signature]



Description of Formations Encountered	From (depth)	To (depth)
Chalk	20	75
Red Sandy clay	75	80
Rock	80	80
Red gravel	80	120
Chalk	120	160
Powdery Sand	160	210
Coarse Sand	210	240

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

Ground Level

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

The sketch below only required for water wells
 If well telescopes, show depths on sketch.

For Office Use Only:
 Well #: F170

County: Pike
 Permit #: _____

STATE WELL REPORT

Blount #1

County: Pike
 Permit #: _____
 Driller: Gary Rayborn
 Date completed: 8-5-2013
Copy information from block on Part 1

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 #: F170
 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.

<p style="text-align: center;">Well Owner Information</p> <p>Owner Name: <u>Energy Drilling</u> Mailing Address: <u>P.O. Box 905</u> <u>Natchez MS 39121</u> City State Zip Code Telephone No. <u>(601) 446-5259</u></p>	<p style="text-align: center;">Well Location</p> <p>Latitude: <u>31° 14' 29.61" N</u> Longitude: <u>90° 20' 04.72" W</u> Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____ <u>SW 1/4 NE 1/4, Sec 7 T 3N R 9E</u> <u>3.8</u> Miles <u>W/NW</u> of <u>Holmesville</u> (Distance) (Direction) (Nearest Town)</p>
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Pump Type (circle one)

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

Date Pump Installed: 8/5/2013 Rated Pump Capacity: 60 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: 5HP Setting Depth: 146 feet Number of Stages: 11

Pump Test Data for Non Flowing Well

Date Well Tested: 8/5/13 Duration of Pump Test (minimum 4 hours): N/A hours

Static Water Level (A): 80 Feet Below Land Surface Pumping Water Level (B): _____ Feet Below Land Surface

Drawdown [(B) - (A)]: _____ Feet Below Land Surface Test Pumping Rate: 60 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.

Rayborn Drilling Inc 0060 8/6/13
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

RECEIVED

BY: _____