

STATE WELL REPORT

Part I

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 #: Milk
Aquifer:
E-Log #:

County: Forrest

Permit #:

Driller: Gary Rayborn

Date drilling completed: 8-29-14

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)
Owner Name: Energy Drilling Inc
Mailing Address: (for Petrochem Oper.) P.O. Box 905 Natchez MS 39121
Telephone No. (601) 446-5259
Well or Borehole Location
Latitude: 30° 58' 46" Longitude: 89° 15' 11"
Method of Lat/Long (check one): Conventional Survey
USGS quad NW 1/4 NW 1/4, Sec 12 T 15 R 13W
1 Miles S of Carnes

Well / Borehole Data
Date drilling started: 8-28-14 Date drilling completed: 8-29-14 Hole depth: 140' Hole diameter: 4"
Location of the source of any surface water used for drilling:
Method of dosing and volume of Chlorine used in drilling and development:
Logs run (circle all applicable): No log run
Purpose of borehole (circle one): Water Well
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: 30 feet (below) land surface Date measured: 8/29/14
Method of measurement (circle one): Electric tape
Well depth: 140' Well grouted to a depth of: 10 feet Type of grout (circle one): Neat Cement
Casing length: 120 feet Casing diameter: 4 inches Type of casing: PVC
Screen length: 20 feet Screen diameter: 4 inches Type of screen: PVC
Screen slot size: 0.20 inches Setting depth: From 120 feet to 140 feet
Type of completion (circle all applicable): Gravel packed
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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SEP 03 2014
BY [signature]

County: FOREST  
 Permit #: \_\_\_\_\_

For Office Use Only:  
 Well #: M116

*The sketch below only required for water wells*

*If well telescopes, show depths on sketch.*

Ground Level

Description of Formations Encountered	From (depth)	To (depth)
Red Clay	30	110
Red Sand	30	110
Medium White Sand	110	140

*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: \_\_\_\_\_

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. Ragborn Drilling Inc 0-60  
 Date 9-2-14  
 Signature of Licensee

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

# STATE WELL REPORT PXP Prod. Co. 12# 1

County: Forrest  
 Permit #: \_\_\_\_\_  
 Driller: Gary Rayborn  
 Date completed: 8-29-14  
*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 #: M116  
 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>Energy Drilling Inc</u>	Latitude: <u>30°58'46"</u> Longitude: <u>89°15'11"</u>
Mailing Address: <u>(for Petrochem Oper.)</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>P.O. Box 905</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>Natchez</u> <u>MS</u> <u>39121</u>	_____ 1/4 _____ 1/4, Sec <u>12</u> T <u>13</u> R <u>13W</u>
City State Zip Code	<u>1</u> Miles <u>S</u> of <u>Carnes</u>
Telephone No. <u>(601) 446-5259</u>	(Distance) (Direction) (Nearest Town)

**Pump Type (circle one)**

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

Date Pump Installed: 8/29/14 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: 5 Setting Depth: 105 feet Number of Stages: 13

**Pump Test Data for Non Flowing Well**

Date Well Tested: 8/29/14 Duration of Pump Test (minimum 4 hours): \_\_\_\_\_ hours

Static Water Level (A): 30 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 0-60 9-2-14 [Signature] SEP 03 2014

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