

Well 2 of 2

### State Well Report

Part 1

Mississippi Department of Environmental Quality  
Office of Land and Water Resources  
P.O. Box 10631  
Jackson, MS 39289-0631  
(601)961-5210  
(601)354-6938 (fax)

For Office Use Only:

Aquifer: \_\_\_\_\_  
Well #: M-241  
L. S. Elevation: \_\_\_\_\_  
E-log #: \_\_\_\_\_

County: Lamar  
Permit #: \_\_\_\_\_  
Driller: Gary Rayborn  
Date drilling completed: 12/30/08

State Law requires that this report be prepared by the driller in detail and filed with the Department within 30 days of completion of drilling of the well.

Well Owner Information	Well Location
Owner Name: <u>Penn-Va Oil &amp; Gas</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>2550 East Stone Dr</u> <u>Suite 110</u> <u>Kingsport TN 37760</u> City State Zip Code	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
Telephone No. <u>(601) 731-4333</u>	_____ 1/4 _____ 1/4 Sec <u>29</u> Twn <u>17</u> Rng <u>16W</u>
	Distance <u>4.6</u> Miles Direction <u>S</u> of Nearest Town <u>Baxterville</u>

**Well Data**

Purpose of Well (circle one) Home Industrial Public Supply Irrigation Fish Culture Other: Rig Supply

Date well drilling started: 12/20/08 Date well drilling completed: 12/30/08

If flowing, method of flow regulation: Valve \_\_\_\_\_ Other (describe) \_\_\_\_\_

Static Water Level: 105 feet above or below (circle one) land surface Date measured: 12/30/08

Method of Measurement (circle one) steel tape electric tape air line other: \_\_\_\_\_

Hole depth: 150' Well depth: 150' Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 130 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 130 feet to 150 feet

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

Other (describe): \_\_\_\_\_

Top of lap pipe or reduction in casing: \_\_\_\_\_ feet. If telescoped or more than one screen, describe on back of page

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

Name of organization running log(s): \_\_\_\_\_

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

RAYBORN DRILLING, INC. 0-60 \_\_\_\_\_  
Print Name of Water Well Contractor and License No. Signature of Water Well Contractor

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JAN 09 2009  
BY: OLWR

Well 2 of 2

### STATE WELL REPORT

#### Part 2

**Pump Installer's Completion Report**  
Mississippi Department of Environmental Quality  
Office of Land and Water Resources  
P.O. Box 10631  
Jackson, MS 39289-0631  
(601)961-5210  
(601)354-6938 (fax)

**For Office Use Only:**

Aquifer: \_\_\_\_\_

Well #: M-241

Elevation: \_\_\_\_\_

County: Lamar

Permit #: \_\_\_\_\_

Driller: Gary Rayborn

Date completed: 12/30/08

**This report should be prepared by the pump installer in detail and filed with the Department within 30 days of the installation of pump.**

#### Well Owner Information

Owner Name: Penn-Va Oil & Gas  
Mailing Address: 2550 East Stone Dr  
Suite 110  
Kingsport TN 37760  
City State Zip Code  
Telephone No. (601) 731-4333

#### Well Location

Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_  
Method of Lat/Long (circle one): Conventional Survey,  
USGS quad, Hand-held GPS, Survey-grade GPS  
\_\_\_\_\_ 1/4 \_\_\_\_\_ 1/4 Sec 29 Twn 1N Rng 16W  
Distance Direction Nearest Town  
4.6 Miles S of Baxterville

#### Pump Type Circle one

Air Lift Jet Submersible  
Bucket Piston Turbine  
Centrifugal Rotary Flowing Well  
Other (specify): \_\_\_\_\_  
Date Pump Installed: 12/30/08  
Rated Pump Capacity: 60 Gallons Per Minute

#### Power Type Circle one

Diesel Engine Gasoline Engine Natural Gas  
Electric Motor Hand Tractor PTO  
Windmill Other (specify): \_\_\_\_\_  
Horse Power Rating of Motor: 5HP  
Setting Depth: 143' feet  
Number of Stages: 11

#### Pump Test Data

Date Well Tested: 12/30/08  
Static Water Level (A): 105 Feet Below Land Surface  
Pumping Water Level (B): \_\_\_\_\_ Feet Below Land Surface  
Drawdown [(B) - (A)]: \_\_\_\_\_ Feet Below Land Surface  
Test Pumping Rate: 30 Gallons Per Minute  
Duration of Pump Test (minimum 4 hours): \_\_\_\_\_ hours

#### Method of Measuring Water Level Circle one

Air Line Electric Measuring Line Steel Tape  
Other (specify): \_\_\_\_\_  
For flowing well, measured shut in head: \_\_\_\_\_ feet  
Well yielded 30 GPM with a drawdown of  
\_\_\_\_\_ feet after \_\_\_\_\_ hours of pumping

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

Gary Rayborn 0-60  
Print Name of Pump Installer and License No. (if applicable)

[Signature]  
Signature of Pump Installer

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JAN 09 2009

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