

# 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 #: R96  
L. S. Elevation: \_\_\_\_\_  
E-log #: \_\_\_\_\_

County: Smith  
Permit #: \_\_\_\_\_  
Driller: Gary Rayborn  
Date drilling completed: 6/8/09

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>Leaf River Gas Strg LLC</u>	Latitude: <u>31° 52' 10"</u> Longitude: <u>89° 19' 57"</u>
Mailing Address: <u>61 Wilton Rd</u>	Method of Lat/Long (circle one): Conventional Survey,
<u>Westport CT 06880</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	<u>NW 1/4 NW 1/4 Sec 5 Twn 10N Rng 13W</u>
Telephone No. <u>(601) 725-4008</u>	Distance <u>6.5</u> Miles Direction <u>NE</u> of Nearest Town <u>Taylorville</u>

### Well Data

Purpose of Well (circle one) Home Industrial Public Supply Irrigation Fish Culture Other Riq Supply  
Date well drilling started: 6/6/09 Date well drilling completed: 6/8/09  
If flowing, method of flow regulation: Valve \_\_\_\_\_ Other (describe) \_\_\_\_\_  
Static Water Level: 95 feet above or below (circle one) land surface Date measured: 6/8/09  
Method of Measurement (circle one) steel tape electric tape air line other: \_\_\_\_\_  
Hole depth: 265' Well depth: 265' Well grouted to a depth of 10 feet  
Type of grout (circle one): Cement Bentonite Mix  
Casing length: 225 feet Casing diameter: 4 inches Type of casing: PVC  
Screen length: 40 feet Screen diameter: 4 inches Type of screen: PVC  
Screen slot size: .010 inches Setting depth: From 225 feet to 265 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.**

Print Name of Water Well Contractor and License No.

Signature of Water Well Contractor

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JUN 15 2009

BY: OLWR



# 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 #: R96

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

County: Smith  
Permit #: \_\_\_\_\_  
Driller: Gary Rayborn  
Date completed: 6/8/09

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	Well Location
Owner Name: <u>Leaf River Gas Strg LLC</u>	Latitude: <u>31° 52' 10"</u> Longitude: <u>89° 19' 57"</u>
Mailing Address: <u>61 Wilton Rd</u>	Method of Lat/Long (circle one): Conventional Survey,
<u>Westport CT 06880</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	<u>NW 1/4 NW 1/4 Sec 5 Twn 10N Rng 13W</u>
Telephone No. <u>(601) 725-4008</u>	Distance Direction Nearest Town
	<u>6.5 Miles NE of Taylorsville</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="radio"/> <u>Submersible</u>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<u>Electric Motor</u> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>2 HP</u>
Date Pump Installed: <u>6/8/09</u>	Setting Depth: <u>168'</u> feet
Rated Pump Capacity: <u>25</u> Gallons Per Minute	Number of Stages: <u>12</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: _____	Air Line <input type="radio"/> <u>Electric Measuring Line</u> Steel Tape
Static Water Level (A): <u>95'</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): _____ Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: _____ Feet Below Land Surface	Well yielded <u>25</u> GPM with a drawdown of
Test Pumping Rate: <u>25</u> Gallons Per Minute	_____ feet after _____ hours of pumping
Duration of Pump Test (minimum 4 hours): _____ hours	

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

RECEIVED

JUN 15 2009

BY: OLWR