

County: Simpson
 Permit #: QW 16363
 Driller: Griner Drilling Service Inc.
 Date drilling completed: 5/15/2008

Well Driller Report and Well Log

Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P.O. Box 10631
 Jackson, MS 39289-0631
 (601) 981-5210
 (601) 354-6938 (fax)

For Office Use Only:
 Aquifer: _____
 Well #: Q65
 L.S. Elevation: _____
 E-Log #: _____

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>Energy South - Mississippi Hub Well #4</u>	Latitude: <u>31 48°37'59" N</u> Longitude: <u>89 45'05" 52 W</u>
Mailing Address: <u>1002 East St. Mary Blvd</u>	Method of Lat/Long (circle one): <u>Google Earth</u> <u>48° 23"</u> <u>45° 06"</u> Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>Lafayette</u> MS <u>70503</u>	<u>SW</u> 1/4 <u>NW</u> 1/4 Sec <u>30</u> Twn <u>10N</u> Rng <u>17W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>(337) 234-2328</u>	<u>4.4</u> Miles <u>South</u> of <u>Magee</u>

Well Data

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

Date well drilling started: 3/13/2008 Date well drilling completed: 5/15/2008

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

Static Water Level: 371 feet above or below (circle one) land surface Date measured: 7/8/2008

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

Hole depth: 2265' Well depth: 2265' Well grouted to a depth of 2060 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 2060 feet Casing diameter: 16 inches Type of casing: Black Steel

Screen length: 150 feet Screen diameter: 10" x 8" inches Type of screen: 304 SS

Screen slot size: 0.020- inches Setting depth: From 2105 feet to ### 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: 1884 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): Griner Drilling Service Inc.

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.

Griner Drilling Service Inc. 0-184
 Print Name of Water Well Contractor and License No.

Signature of Water Well Contractor

RECEIVED

If well telescopes please sketch below and show depths

FEB 04 2009

RV-OLIVE

Q65

Ground Level

SEE
ATTACHED
DRAWING

Description of Formations Encountered	From	To
Gravel - Sand	0	470
Clay	470	525
Sand	525	596
Sand-Clay	596	660
Clay-Sand	660	735
Sand	735	826
Sand with Clay Streaks	826	896
Sand	896	944
Clay	944	956
Sand	956	984
Sand with Clay Streaks	984	1020
Clay	1020	1350
Sand with Clay Streaks	1350	1700
Sand	1700	2182

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) indicate direction.

Landowner Name: _____

Signature of Water Well Contractor

RECEIVED
FEB 04 2009
BY: OLWE

STATE WELL REPORT

Part 2

Pump Installer's Completion Report

County: Simpson

Permit #: _____

Driller: Griner Drilling Service Inc.

Date Completed: 5/15/08

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 #: Q65

Elevation: _____

This report must be prepared by the pump installer in detail and filed with the Department with 30 days of the installation of pump. A copy of Part 1 of this report must be attached to the report.

Well Owner Information	Well Location
Owner Name <u>Energy South - Mississippi Hub Well #4</u>	Latitude: <u>31 48'37.59" N</u> Longitude: <u>89 45'05.52" W</u> <i>23" 06"</i>
Mailing Address: <u>1002 East St. Mary Blvd.</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u> , <u>Google Earth</u>
<u>Lafayette</u> <u>LA</u> <u>70503</u>	<u>USGS quad</u> , <u>Hand-held GPS</u> , <u>Survey-grade GPS</u>
City State Zip Code	<u>SW 1/4 NW 1/4 Sec 30 Twn 10N Rng 17W</u>
Telephone No. <u>337-234-2326</u>	Distance Direction Nearest Town <u>4.4 Miles South of Magee</u>

Pump Type Circle one	Power Type Circle one
Air Lift <u>Jet</u> <u>Submersible</u>	Diesel Engine <u>Gasoline Engine</u> <u>Natural Gas</u>
Bucket <u>Piton</u> <u>Turbine</u>	<u>Electric Motor</u> <u>Hand</u> <u>Tractor PTO</u>
Centrifugal <u>Rotary</u> <u>Flowing Well</u>	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>250</u> feet
Date Pump Installed: <u>5/15/2008</u>	Setting Depth: <u>590'</u> feet
Rated Pump Capacity: <u>1400</u> 1900 Gallons per minute	Number of Stages: <u>10</u>
<i>Increased per Bill Oakley</i>	

Pump Test Data	Method of Measuring Water Level Circle One
Date Well Tested: <u>7/8/2008</u>	Air Line <u>Electric Measuring Line</u> <u>Steel Tape</u>
Static Water Level (A): <u>371'</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>437'</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown {(B) - (A)}: <u>66</u> Feet Below Land Surface	Well yielded <u>600</u> GPM with a drawdown of
Test Pumping Rate: <u>600</u> Gallons Per Minute	<u>66</u> feet after <u>24</u> hours of pumping
Duration of Pump test (minimum 4 hours): <u>24</u> hours	

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

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

RECEIVED
FEB 04 2009
BY: OLWF