

Walker Gul 317 frac

# 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)

County: Jasper  
 Permit #: \_\_\_\_\_  
 Driller: John W Thompson  
 Date drilling completed: 2-23-07

For Office Use Only:  
 Aquifer: \_\_\_\_\_  
 Well #: P-61  
 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>Denbury Onshore</u>	Latitude: <u>31° 56' 05"</u> Longitude: <u>89° 01' 17"</u>
Mailing Address: <u>P.O. Box 6506</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>Lawrel MS</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City: _____ State: _____ Zip Code: _____	<u>SW 1/4 SW 1/4 Sec 12 Twn 1N Rng 12E</u>
Telephone No. ( ) _____	Distance <u>3</u> Miles Direction <u>NW</u> of Nearest Town <u>Heidelberg</u>

**Well Data**

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

Date well drilling started: 2-21-07 Date well drilling completed: 2-23-07

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

Static Water Level: 152 feet above or below (circle one) land surface Date measured: 2-23-07

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

Hole depth: 463 Well depth: 460 Well grouted to a depth of 20 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 400 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 60 feet Screen diameter: 4 inches Type of screen: PVC Slotted

Screen slot size: .010 inches Setting depth: From 400 feet to 460 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.

John W Thompson 0-679  
Print Name of Water Well Contractor and License No.

John W Thompson  
Signature of Water Well Contractor

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MAR 26 2007  
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)

County: Jasper  
Permit #: \_\_\_\_\_  
Driller: John W Thompson  
Date completed: 2-23-07

For Office Use Only:  
Aquifer: \_\_\_\_\_  
Well #: D-61  
Elevation: \_\_\_\_\_

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>Denbury Onshore</u>	Latitude: <u>31° 56' 05"</u> Longitude: <u>89° 01' 17"</u>
Mailing Address: <u>PO Box 1506</u> <u>Laurel MS</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS <u>SW 1/4 SW 1/4 Sec 12 Twn 11 Rng 12E</u>
City _____ State _____ Zip Code _____	Distance _____ Direction _____ Nearest Town _____ <u>3 Miles NW of Heidelberg</u>
Telephone No. ( ) _____	

Pump Type Circle one	Power Type Circle one
<input type="checkbox"/> Air Lift      Jet <input checked="" type="checkbox"/> Submersible	Diesel Engine      Gasoline Engine      Natural Gas
<input type="checkbox"/> Bucket      Piston      Turbine	<input checked="" type="checkbox"/> Electric Motor      Hand      Tractor PTO
<input type="checkbox"/> Centrifugal      Rotary      Flowing Well	Windmill      Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>7 1/2</u>
Date Pump Installed: <u>2-23-07</u>	Setting Depth: <u>240</u> feet
Rated Pump Capacity: <u>85</u> Gallons Per Minute	Number of Stages: _____

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>2-23-07</u>	Air Line <input checked="" type="checkbox"/> Electric Measuring Line      Steel Tape
Static Water Level (A): <u>152</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>180</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>28</u> Feet Below Land Surface	Well yielded <u>100</u> GPM with a drawdown of
Test Pumping Rate: <u>100</u> Gallons Per Minute	<u>28</u> feet after <u>4</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>4</u> hours	

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

John W Thompson 0-679  
Print Name of Pump Installer and License No. (if applicable)

John W Thompson  
Signature of Pump Installer

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MAR 26 2007  
BY: OLWR