

# 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: Rankin 121  
 Permit #:  
 Driller: John W. Thompson  
 Date drilling completed: 10-20-04

For Office Use Only:  
 Aquifer:  
 Well #: D-42 121  
 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 Resources</u>	Latitude: <u>32° 24' 23N</u> Longitude: <u>89° 50' 32"</u>
Mailing Address: <u>P.O. Box 6506</u> <u>haurel MS 39441</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
City: _____ State: _____ Zip Code: _____	<u>1/4</u> <u>1/4</u> Sec <u>36</u> Twn <u>7N</u> Rng <u>4E</u>
Telephone No. (____) _____	Distance _____ Direction _____ Nearest Town _____ <u>5</u> Miles <u>N</u> of <u>Pelahatchie</u>

**Well Data**

Purpose of Well (circle one) Home Industrial Public Supply Irrigation Fish Culture Other: test hole  
 Date well drilling started: 10-19-04 Date well drilling completed: 10-20-04 for log

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

Static Water Level: ? feet above or below (circle one) land surface Date measured: \_\_\_\_\_

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

Hole depth: 570 Well depth: \_\_\_\_\_ Well grouted to a depth of plugged feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: \_\_\_\_\_ feet Casing diameter: \_\_\_\_\_ inches Type of casing: \_\_\_\_\_

Screen length: \_\_\_\_\_ feet Screen diameter: \_\_\_\_\_ inches Type of screen: \_\_\_\_\_

Screen slot size: \_\_\_\_\_ inches Setting depth: From \_\_\_\_\_ 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: \_\_\_\_\_ 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): MDEQ

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 0-0679 John W. Thompson  
 Print Name of Water Well Contractor and License No. Signature of Water Well Contractor

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 NOV 16 2004  
 BY: OLWR

If well telescopes please sketch below and show depths.

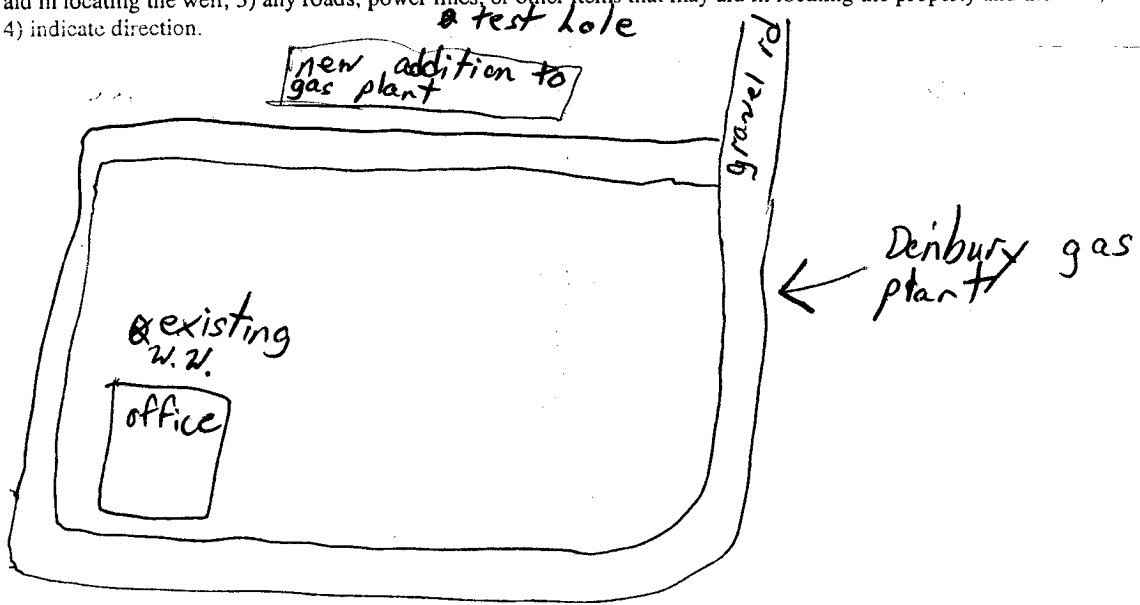
Ground Level

D

Description of Formations Encountered	From	To
yellow clay	0	30
blue clay	30	240
hard white chalk	240	245
coarse sand & conchells	245	260
fine sand & clay strips	260	480
med-fine sand	480	540
brown clay	540	570

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: Denbury Resources

John W. Thompson  
Signature of Water Well Contractor