

MU 17-15B

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-169
L. S. Elevation: _____
E-log #: _____

County: Lincoln
Permit #: _____
Driller: John W Thompson
Date drilling completed: 9-5-07

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° 28' 57" N</u> Longitude: <u>90° 35' 08" W</u>
Mailing Address: <u>P.O. Box 6506</u> <u>Laurel MS</u>	Method of Lat/Long (circle one): <input type="radio"/> Conventional Survey, <input type="radio"/> USGS quad, <input type="radio"/> Hand-held GPS, <input type="radio"/> Survey-grade GPS
City: _____ State: _____ Zip Code: _____	<u>SW 1/4 SE 1/4 Sec 17 Twn 6N Rng 8E</u>
Telephone No. () _____	Distance: <u>6</u> Miles Direction: <u>SE</u> of Nearest Town: <u>Brookhaven</u>

Well Data

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

Date well drilling started: 9-4-07 Date well drilling completed: 9-5-07

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

Static Water Level: 50 feet above or below (circle one) land surface Date measured: 9-5-07

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

Hole depth: 240 Well depth: 230 Well grouted to a depth of 20 feet

Type of grout (circle one): Cement Bentonite _____ Mix _____

Casing length: 210 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 20 feet Screen diameter: 4 inches Type of screen: PVC Slotted

Screen slot size: .020 inches Setting depth: From 210 feet to 230 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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If well telescopes please sketch below and show depths.

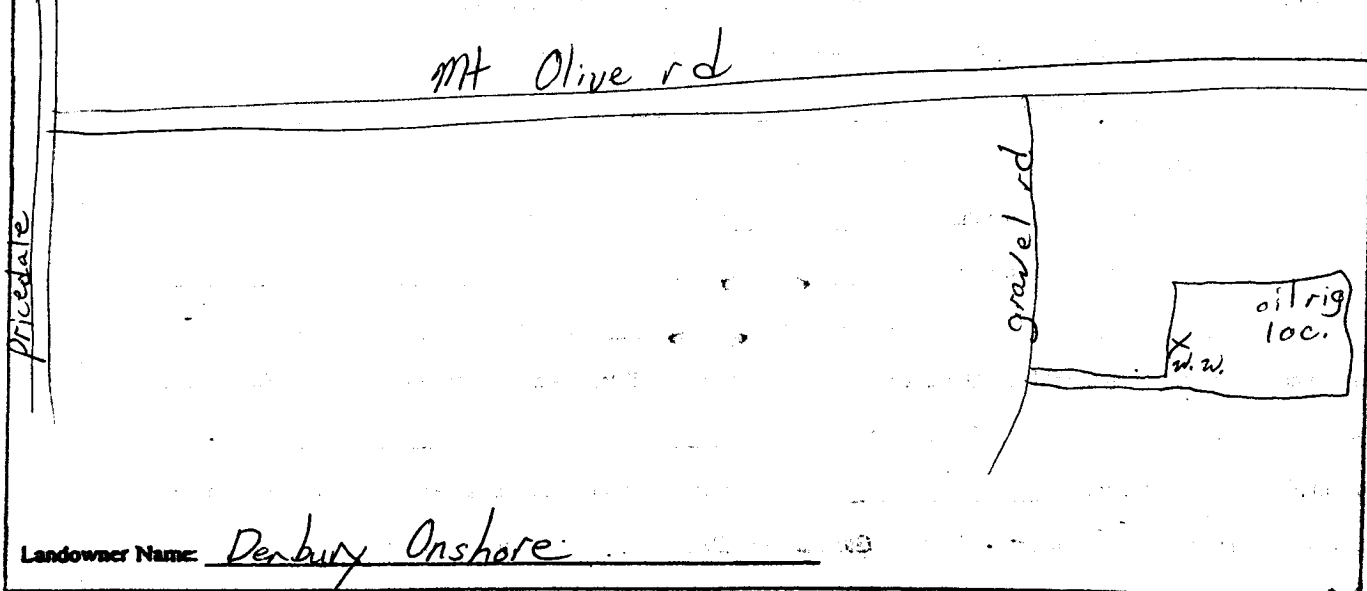
Ground Level

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Description of Formations Encountered	From	To
gravel	0	50
clay	50	170
sand & clay strips	170	190
sand	190	235
clay	235	240

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 Onshore

John W. Thompson
Signature of Water Well Contractor

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 39288-0631
 (601)961-5210
 (601)354-6338 (Fax)

County: Lincoln
 Permit #: _____
 Driller: John V Thompson
 Date completed: 9-5-07

For Office Use Only:

Aquifer: _____
 Well #: M-169
 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>Danbury Onshore</u> Mailing Address: <u>P.O. Box 6506</u> <u>Laurel MS</u> City: _____ State: _____ Zip Code: _____ Telephone No. () _____	Latitude: _____ Longitude: _____ Method of Lat/Long (circle one): <u>Conventional Survey</u> <u>USGS quad, Hand-held GPS, Survey-grade GPS</u> _____ 1/4 _____ 1/4 Sec <u>17</u> Twp <u>6N</u> Rng <u>8E</u> Distance _____ Direction _____ Nearest Town _____ <u>6 Miles SE of Brookhaven</u>

Pump Type Circle one	Power Type Circle one
Air Lift _____ Jet _____ <u>Submersible</u> Bucket _____ Piston _____ Turbine _____ Centrifugal _____ Rotary _____ Flowing Well _____ Other (specify): _____ Date Pump Installed: <u>9-5-07</u> Rated Pump Capacity: <u>85</u> Gallons Per Minute	Diesel Engine _____ Gasoline Engine _____ Natural Gas _____ <u>Electric Motor</u> _____ Hand _____ Tractor PTO _____ Windmill _____ Other (specify): _____ Horse Power Rating of Motor: <u>5</u> Setting Depth: <u>120</u> feet Number of Stages: _____

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>9-5-07</u> Static Water Level (A): <u>50</u> Feet Below Land Surface Pumping Water Level (B): <u>83</u> Feet Below Land Surface Drawdown (B)-(A): <u>33</u> Feet Below Land Surface Test Pumping Rate: <u>100</u> Gallons Per Minute Duration of Pump Test (minimum 4 hours): <u>4</u> hours	Air Line _____ <u>Electric Measuring Line</u> _____ Steel Tape _____ Other (specify): _____ For flowing well, measured static in head: _____ feet Well yielded <u>100</u> GPM with a drawdown of <u>33</u> feet after <u>4</u> hours of pumping

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

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

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