

6-18#3 6-18#4

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 #: U-46
L. S. Elevation: _____
E-log #: _____

County: Jasper
Permit #: _____
Driller: John W Thompson
Date drilling completed: 11-9-07

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: _____ Longitude: _____
Mailing Address: <u>P.O. Box 6506</u> <u>Laurel MS</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
City: _____ State: _____ Zip Code: _____	_____ 1/4 _____ 1/4 Sec <u>6</u> Twn <u>10N</u> Rng <u>10W</u>
Telephone No. (____) _____	Distance _____ Direction _____ Nearest Town _____ <u>2</u> Miles <u>SW</u> of <u>Heidelberg</u>

Well Data

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

Date well drilling started: 11-6-07 Date well drilling completed: 11-9-07

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

Static Water Level: 187 feet above or below (circle one) land surface Date measured: 11-9-07

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

Hole depth: 660 Well depth: 640 Well grouted to a depth of 20 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 560 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 80 feet Screen diameter: 4 inches Type of screen: PVC Slotted

Screen slot size: .010 inches Setting depth: From 560 feet to 640 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

If well telescopes please sketch below and show depths

U-

Ground Level

Description of Formations Encountered	From	To
sandy clay	0	25
clay	25	40
sand	40	50
clay	50	105
rock	105	130
clay	130	200
clay + sand strips	200	280
clay	280	456
seashells, sand & clay	456	560
sand	560	640
clay	640	660

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.

The sketch shows an irregular property boundary. In the upper left, there is a rectangular area labeled "oilrig loc". Below it, an 'x' marks a location labeled "w.w.". To the right of the property, a road is shown with an arrow pointing north, labeled "Highway". A north arrow is also present on the right side of the sketch.

Landowner Name: Denbury Onshore

John V 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 39289-0631
 (601)961-5210
 (601)354-6938 (fax)

County: Jasper
 Permit #: _____
 Driller: John W Thompson
 Date completed: _____

For Office Use Only:

Aquifer: _____
 Well #: U5 46
 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>Dorothy Onshore</u> Mailing Address: <u>P.O. Box 6506</u> <u>Lawrel MS</u> City _____ State _____ Zip Code _____ Telephone No. (____) _____	Latitude: _____ Longitude: _____ Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS _____ 1/4 _____ 1/4 Sec <u>6</u> Twn <u>10N</u> Rng <u>10W</u> Distance _____ Direction _____ Nearest Town _____ <u>2</u> Miles <u>SW</u> of <u>Heidelberg</u>

Pump Type Circle one	Power Type Circle one
<input type="checkbox"/> Air Lift <input type="checkbox"/> Jet <input checked="" type="checkbox"/> <u>Submersible</u> <input type="checkbox"/> Bucket <input type="checkbox"/> Piston <input type="checkbox"/> Turbine <input type="checkbox"/> Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well Other (specify): _____ Date Pump Installed: <u>11-9-07</u> Rated Pump Capacity: <u>35</u> Gallons Per Minute	<input type="checkbox"/> Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input checked="" type="checkbox"/> <u>Electric Motor</u> <input type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/> Windmill Other (specify): _____ Horse Power Rating of Motor: <u>5</u> Setting Depth: <u>290</u> feet Number of Stages: _____

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>11-9-07</u> Static Water Level (A): <u>187</u> Feet Below Land Surface Pumping Water Level (B): <u>197</u> Feet Below Land Surface Drawdown [(B) - (A)]: <u>10</u> Feet Below Land Surface Test Pumping Rate: <u>40</u> Gallons Per Minute Duration of Pump Test (minimum 4 hours): <u>4</u> hours	<input type="checkbox"/> Air Line <input checked="" type="checkbox"/> <u>Electric Measuring Line</u> <input type="checkbox"/> Steel Tape Other (specify): _____ For flowing well, measured shut in head: _____ feet Well yielded <u>40</u> GPM with a drawdown of <u>10</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
 Print Name of Pump Installer and License No. (if applicable)

John W Thompson
 Signature of Pump Installer