

BFU 6-7

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: 0084
Well #: C-443
L. S. Elevation: 6557
E-log #: _____

County: Lincoln
Permit #: _____
Driller: John W Thompson
Date drilling completed: 4-27-07

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° 36' 22"</u> Longitude: <u>90° 32' 15"</u>
Mailing Address: <u>P.O. Box 6506</u> <u>Lawrence MS</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u> , USGS quad, Hand-held GPS, Survey-grade GPS
City: _____ State: _____ Zip Code: _____	SW 1/4 NE 1/4 Sec <u>31</u> Twn <u>8N</u> Rng <u>7E</u>
Telephone No. () _____	Distance <u>6</u> Miles Direction <u>NW</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: 4-25-07 Date well drilling completed: 4-27-07

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

Static Water Level: 130 feet above or below (circle one) land surface Date measured: 4-27-07

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

Hole depth: 283 Well depth: 280 Well grouted to a depth of 20 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 240 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 4 inches Type of screen: PVC Slotted

Screen slot size: .010 inches Setting depth: From 240 feet to 280 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

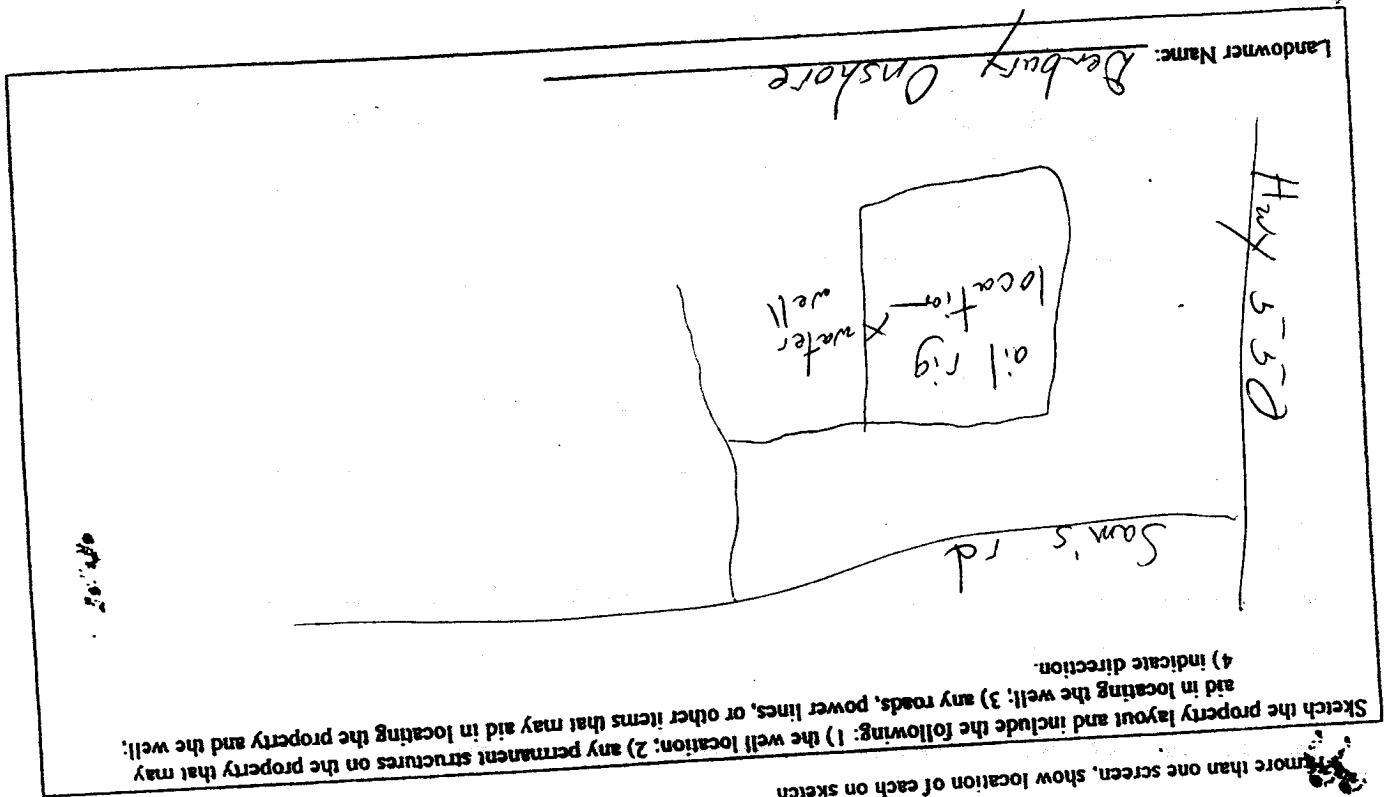
John W Thompson

Print Name of Water Well Contractor and License No.

Signature of Water Well Contractor

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Signature of Water Well Contractor
 John M. Thompson



If well telescopes please sketch below and show depths.
 Ground Level

Description of Formations Encountered	From	To
Clay	0	3
Sand & gravel	6.5	6.5
rock	6.5	6.6
rock	6.6	15.9
Clay	15.9	16.0
rock	16.0	16.0
Clay	16.0	18.0
Clay	18.0	18.0
sand	18.0	18.7
Clay	18.7	20.0
Clay	20.0	20.5
sand	20.5	20.5
Clay	20.5	22.0
Clay	22.0	22.0
Clay	22.0	22.8
sand & clay strips	22.8	24.0
sand	24.0	24.7
	24.7	24.7
	24.7	25.1
	25.1	28.3

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 Lincoln
 Permit #: _____
 Driller: John W Thompson
 Date completed: 4-27-07

For Office Use Only:

Aquifer: 84
 Well #: C-143
 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>Darbury 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): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS _____ 1/4 _____ 1/4 Sec <u>31</u> Twn <u>8N</u> Rng <u>7E</u> Distance _____ Direction _____ Nearest Town _____ <u>6</u> Miles <u>NW</u> of <u>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>4-27-07</u> Rated Pump Capacity: <u>55</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>180</u> feet Number of Stages: _____

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>4-27-07</u> Static Water Level (A): <u>130</u> Feet Below Land Surface Pumping Water Level (B): <u>141</u> Feet Below Land Surface Drawdown [(B) - (A)]: <u>11</u> Feet Below Land Surface Test Pumping Rate: <u>60</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 shut in head: _____ feet Well yielded <u>60</u> GPM with a drawdown of <u>11</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) Signature of Pump Installer

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 MAY 21 2007
 BY: OLWR