

STATE WELL REPORT

Part 1

Driller's Log

Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 2309
Jackson, MS 39225-2309
(601)961-5210
(601)360-0535 (fax)

For Office Use Only:

Well #: U37
Aquifer: _____
E-Log #: _____

County: Madison
Permit #: _____
Driller: John W Thompson
Date drilling completed: 4-26-13

State Law requires that this report be prepared by the license holder responsible for the work and filed with the Department at the above address within 30 days of completion of drilling of the well or borehole.

Well Owner Information <small>(Landowner if borehole is not for a water well)</small>	Well or Borehole Location
Owner Name: <u>Denbury Onshore</u>	Latitude: <u>32°32'45"</u> Longitude: <u>89°57'09"</u>
Mailing Address: <u>5100 Tennyson Pkway Ste 100</u> <u>Plano TX 75024</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City _____ State _____ Zip Code _____	<u>NE 1/4 NE</u> , Sec <u>13</u> T <u>8N</u> R <u>3E</u>
Telephone No. (____) _____	<u>5</u> Miles <u>SE</u> of <u>Canton</u> (Distance) (Direction) (Nearest Town)

Well / Borehole Data
Date drilling started: <u>4-17-13</u> Date drilling completed: <u>4-26-13</u> Hole depth: <u>923</u> Hole diameter: <u>5.5"</u>
Location of the source of any surface water used for drilling: <u>Local fire hydrant</u>
Method of dosing and volume of Chlorine used in drilling and development: _____
Logs run (circle all applicable): No log run <input type="checkbox"/> <u>Electric</u> <input type="checkbox"/> <u>Gamma Ray</u> <input type="checkbox"/> <u>Density</u> <input type="checkbox"/> <u>Sonic</u> <input type="checkbox"/> <u>Neutron</u> Other: _____
Name of organization running log(s): <u>MDFEQ</u>
Purpose of borehole (circle one): Water Well <input type="checkbox"/> <u>Geotechnical/Geological Investigation</u> <input type="checkbox"/> <u>Ground Source Heat Pump</u> <input type="checkbox"/> Seismic Survey <input type="checkbox"/> Other (describe) <u>Test hole</u> <u>PA</u>
<i>If drilling is not related to water well construction, skip the remainder of this block</i> <u>4/26/13</u>

Purpose of Well (circle all applicable): Home Industrial Public Supply Irrigation Fish Culture

Other (describe): _____

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

Static Water Level: _____ feet [above or below] land surface Date measured: _____
(circle one)

Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): _____

Well depth: _____ Well grouted to a depth of: _____ feet Type of grout (circle one): Neat 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 Open hole Natural Development

Other (describe): _____

Top of lap pipe or reduction in casing: _____ feet

If telescoped or more than one screen, describe on next page

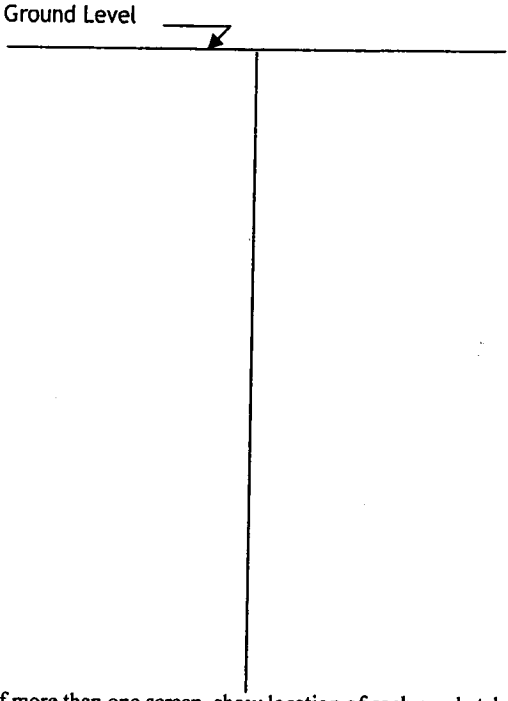
RECEIVED
MAY 06 2013
BY: OLWR

County: Madison
 Permit #: _____

For Office Use Only:
 Well #: 437

The sketch below only required for water wells

If well telescopes, show depths on sketch.



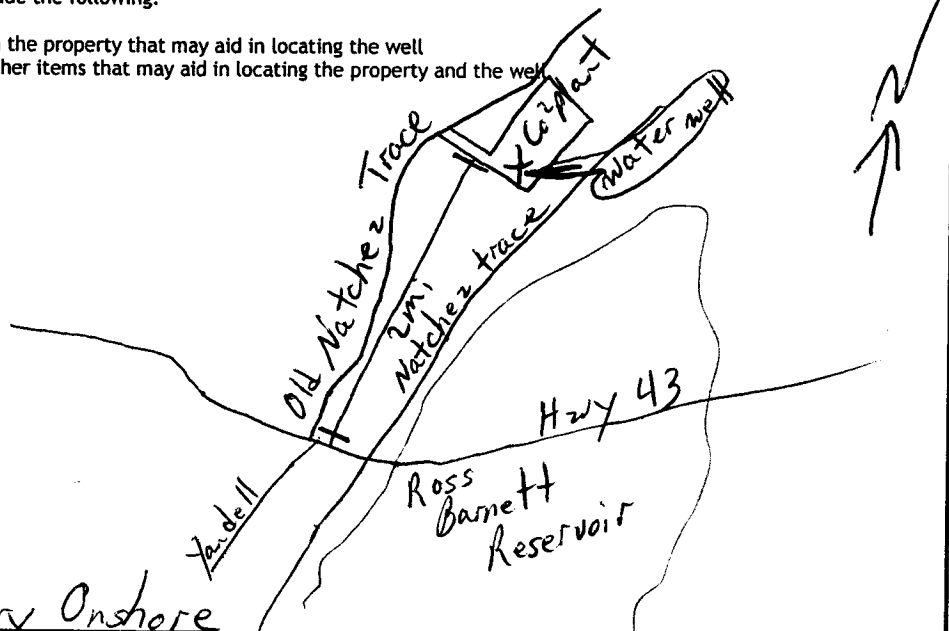
Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
Clay	Ground level	20
sandy clay	20	30
blue clay	30	160
sand clay	160	180
soft clay	180	300
sand	300	500
clay	500	560
rock	560	565
soft clay	565	620
seashells + small sand strips	620	640
soft clay	640	700
sand	700	730
clay + sand strips	730	760
sand	760	880
clay	880	923

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) north arrow



Landowner Name: Denbury Onshore

I HEREBY CERTIFY that the well/borehole was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and the Mississippi Department of Health regulations, if applicable, and state laws.

John W Thompson 0-679 5-2-13
 Print Name of Responsible Licensee and License No. Date

John W Thompson
 Signature of Licensee