

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 #: Q-0057
L. S. Elevation: _____
E-log #: _____

County: Jasper 061
Permit #: _____
Driller: John W. Thompson
Date drilling completed: 3-3-05

Thompson Brothers Water Well Service

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° 54' 49"</u> Longitude: <u>89° 00' 16"</u>
Mailing Address: <u>P.O. Box 6506</u> <u>Laurel, 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>19</u> Twn <u>1N</u> Rng <u>13E</u>
Telephone No: <u>(601) 428-1998</u>	Distance: _____ Direction: _____ Nearest Town: _____ <u>1</u> Miles <u>N</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: 3-1-05 Date well drilling completed: 3-3-05

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

Static Water Level: 110 feet above or below (circle one) land surface Date measured: 3-3-05

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

Hole depth: 525 Well depth: 420 Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 360 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 60 feet Screen diameter: 4 inches Type of screen: PVC slotted

Screen slot size: .008 + .010 inches Setting depth: From 316-326 ⁹ ~~feet~~ 350-400 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): DEQ

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

Print Name of Water Well Contractor and License No.

John W. Thompson

Signature of Water Well Contractor

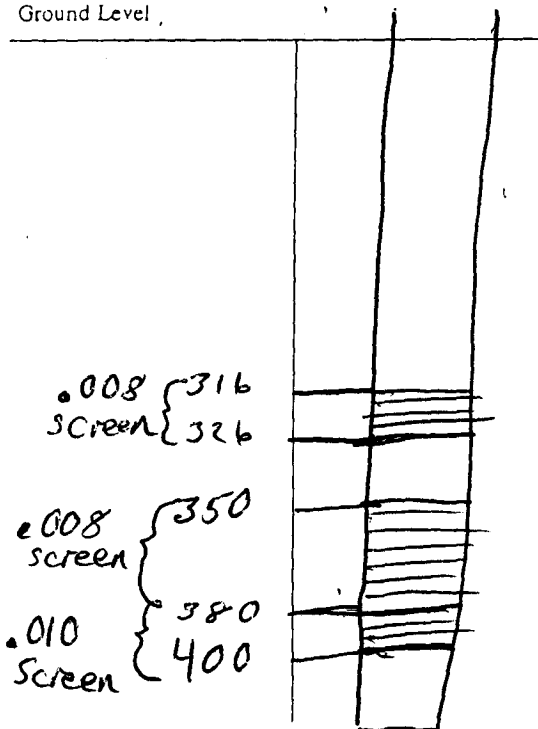
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BY: OLWR

If well telescopes please sketch below and show depths.

Ground Level

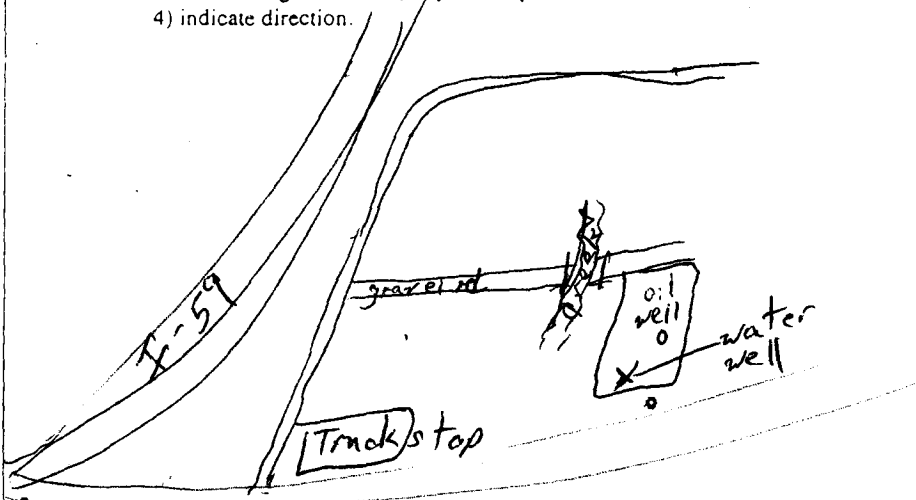


Description of Formations Encountered

Description of Formations Encountered	From	To
sandy clay	0	5
rock	5	6
sand	6	16
blue clay	16	320
fine sand	320	335
clay	335	350
soft clay + sand	350	400
clay + sand	400	420
hard clay	420	490
rock & clay strips	490	525

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 Onshore

Signature of Water Well Contractor

John W. Thompson

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)

For Office Use Only:

Aquifer: _____
 Well #: Q0057
 Elevation: _____

County: Jasper
 Permit #: _____
 Driller: John V. Thompson
 Date completed: 3-3-05

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>Denbury Onshore</u>	Latitude: <u>31° 54' 49"</u> Longitude: <u>89° 00' 16"</u>
Mailing Address: <u>P.O. Box 6506</u>	Method of Lat/Long (circle one): Conventional Survey: _____
<u>Laurel MS 39441 39441</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	_____ 1/4 _____ 1/4 Sec <u>19</u> Twn <u>1N</u> Rng <u>13E</u>
Telephone No. <u>(601) 428-1998</u>	Distance Direction Nearest Town
	<u>1</u> Miles <u>N</u> of <u>Heidelberg</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="radio"/> <u>Submersible</u> <input checked="" type="radio"/>	Diesel Engine Gasoline Engine Natural Gas <input type="radio"/>
Bucket Piston Turbine <input type="radio"/>	<u>Electric Motor</u> <input checked="" type="radio"/> Hand Tractor PTO <input type="radio"/>
Centrifugal Rotary Flowing Well <input type="radio"/>	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>7.5</u>
Date Pump Installed: <u>3-4-05</u>	Setting Depth: <u>180</u> feet
Rated Pump Capacity: <u>85</u> Gallons Per Minute	Number of Stages: _____

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>3-4-05</u>	Air Line <input type="radio"/> <u>Electric Measuring Line</u> <input checked="" type="radio"/> Steel Tape <input type="radio"/>
Static Water Level (A): <u>110</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>125</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown ((B) - (A)): <u>15</u> Feet Below Land Surface	Well yielded <u>100</u> GPM with a drawdown of
Test Pumping Rate: <u>100</u> Gallons Per Minute	<u>15</u> feet after <u>4</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>4</u> hours	

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

John V. Thompson 0-079 John V. Thompson
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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