

State Well Report Part I

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: H 117
Well #: _____
L. S. Elevation: _____
E-log #: _____

County: Lincoln
Permit #: _____
Driller: GRENN WATER WELL & SUPPLY, INC.
Date drilling completed: 1/10/11

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 Resources</u>	Latitude: <u>31° 33' 29.7"</u> Longitude: <u>90° 23' 29.9"</u>
Mailing Address: <u>46 EMS USA, Inc</u> <u>2000 Bering Dr., #600</u> <u>Houston TX 77057</u> City State Zip Code	Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS <u>SW 1/4 SW 1/4 Sec 22 Twn 7N Rng 8E</u>
Telephone No. <u>(713) 579-7736</u>	Distance Direction Nearest Town <u>2 Miles E of Brookhaven</u>

Well Data

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

Date well drilling started: 1/10/11 Date well drilling completed: 1/10/11

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

Static Water Level: 78 feet above or below (circle one) land surface Date measured: 1/10/11

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

Hole depth: 204 Well depth: 195 Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 175 feet Casing diameter: 4 inches Type of casing: PVC

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

Screen slot size: .010 inches Setting depth: From 175 feet to 95 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.

GRENN WATER WELL & SUPPLY, INC.
Brian McClendon, lic. no. 0-664

Brian McClendon

Print Name of Water Well Contractor and License No.

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	From	To
red clay	0	17
sand & gravel	17	86
white clay	86	112
blue clay	112	160
white clay / sand streaks	160	174
sand	174	195
yellow clay	195	204

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: Denberry Resources

Brian McClendon, lic. no. 0-664
 GRENN WATER WELL & SUPPLY, INC.

Brian McClendon
 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: Lincoln
 Permit #: _____
 Driller: GRENN WATER WELL & SUPPLY, INC.
 Date completed: 1/11/11

For Office Use Only:

Aquifer: _____
 Well #: _____
 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>Denbury Resources</u>	Latitude: <u>N 31° 33' 29"</u> Longitude: <u>W 90° 23' 09"</u>
Mailing Address: <u>416 EMS USA, Inc.</u>	Method of Lat/Long (circle one): Conventional Survey, <u>Hand-held GPS</u> , Survey-grade GPS
<u>2000 Bering Dr #600</u>	USGS quad: <u>SW 1/4 SW 1/4 Sec 22 Twn 7N Rng 8E</u>
<u>Houston TX 77057</u>	Distance Direction Nearest Town
City State Zip Code	<u>2 Miles E of Brookhaven</u>
Telephone No. <u>713-579-7736</u>	

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="checkbox"/> <u>Submersible</u> <input checked="" type="checkbox"/>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <input type="checkbox"/> Turbine <input type="checkbox"/>	<u>Electric Motor</u> <input checked="" type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/>
Centrifugal Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/>	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>2</u>
Date Pump Installed: <u>1/11/11</u>	Setting Depth: <u>150</u> feet
Rated Pump Capacity: <u>25</u> Gallons Per Minute	Number of Stages: <u>11</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>1/11/11</u>	Air Line <input type="checkbox"/> <u>Electric Measuring Line</u> <input checked="" type="checkbox"/> Steel Tape <input type="checkbox"/>
Static Water Level (A): <u>78</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>103</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>25</u> Feet Below Land Surface	Well yielded <u>30</u> GPM with a drawdown of
Test Pumping Rate: <u>30</u> Gallons Per Minute	<u>25</u> feet after <u>4</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>4</u> hours	

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.
 GRENN WATER WELL & SUPPLY, INC.
 Brian D. McClendon, lic. no. 0-664
 Print Name of Pump Installer and License No. (if applicable)

Brian McClendon
 Signature of Pump Installer

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