

TFU 20-13

# 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: Q61  
Well #: \_\_\_\_\_  
L. S. Elevation: \_\_\_\_\_  
E-log #: \_\_\_\_\_

County: Yazoo  
Permit #: \_\_\_\_\_  
Driller: John W Thompson  
Date drilling completed: 7-31-10

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>32.41.59"</u> Longitude: <u>90.31.46"</u>
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 <u>SE 1/4 NW 1/4 Sec 20 Twn 10N Rng 3W</u>
City _____ State _____ Zip Code _____	Distance _____ Direction _____ Nearest Town _____ <u>5 Miles E of Sarton</u>
Telephone No. ( ) _____	

**Well Data**

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

Date well drilling started: 7-28-10 Date well drilling completed: 7-31-10

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

Static Water Level: 233 feet above of below (circle one) land surface Date measured: 7-31-10

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

Hole depth: 590 Well depth: 580 Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 520 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: .010 + .008 inches Setting depth: From 520 feet to 580 feet  
520-560 (.008) 560-580 (.010)

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.

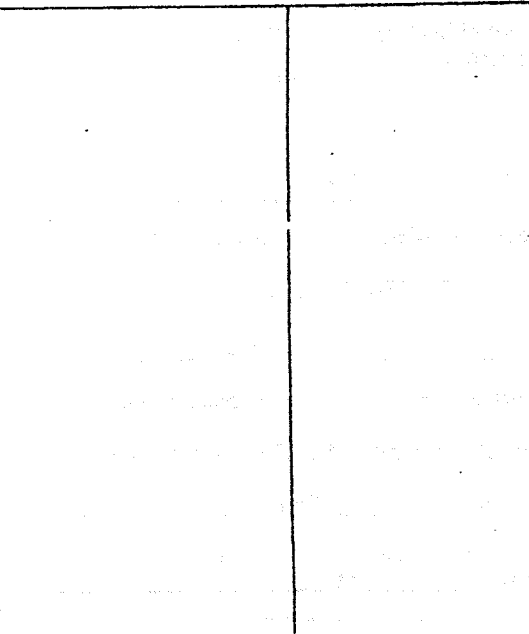
John W Thompson 0-679  
Print Name of Water Well Contractor and License No.

John W Thompson  
Signature of Water Well Contractor

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BY: OLWR

If well telescopes please sketch below and show depths

Ground Level



Description of Formations Encountered	From	To
clay	0	43
sand gravel & sand	43	83
blue clay	83	280
blue clay & seashells	280	360
clay & sand	360	400
sand	400	440
sand & clay	440	520
clean sand	520	580
green clay	580	590

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

John W 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)

For Office Use Only:

Aquifer: Q61  
 Well #: \_\_\_\_\_  
 Elevation: \_\_\_\_\_

County: Yazoo  
 Permit #: \_\_\_\_\_  
 Driller: John W Thompson  
 Date completed: 7-31-10  
 Copy information from block on Part 1

*This part of the report must be completed by a licensed water well contractor or a licensed pump installer. A copy of Part 1 of the report must be attached and both parts filed with the Department at the above address within 30 days of well completion.*

Well Owner Information	Well Location
Owner Name: <u>Denbury Onshore</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>P.O. Box 6506</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Laurel MS</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City _____ State _____ Zip Code _____	_____ 1/4 _____ 1/4 Sec <u>20</u> T <u>10N</u> R <u>3W</u>
Telephone No. ( ) _____	Distance _____ Direction _____ Nearest Town <u>Sartoria</u>
	<u>5</u> Miles <u>E</u> of _____

Pump Type Circle one	Power Type Circle one
Air Lift      Jet <u>Submersible</u>	Diesel Engine      Gasoline Engine      Natural Gas
Bucket      Piston      Turbine	<u>Electric Motor</u> Hand      Tractor PTO
Centrifugal      Rotary      Flowing Well	Windmill      Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>7.5</u>
Date Pump Installed: <u>7-31-10</u>	Setting Depth: <u>280</u> feet
Rated Pump Capacity: <u>55</u> Gallons Per Minute	Number of Stages: _____

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>7-31-10</u>	<u>Air Line</u> Electric Measuring Line      Steel Tape
Static Water Level (A): <u>233</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>257</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>18</u> Feet Below Land Surface	Well yielded <u>75</u> GPM with a drawdown of
Test Pumping Rate: <u>75</u> Gallons Per Minute	<u>18</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.

John W Thompson 0-679  
 Print Name of Pump Installer and License No. (if applicable)

John W Thompson  
 Signature of Pump Installer

Form: OLWR-SWR-1B

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BY: OLWR