

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 #: M-453
L. S. Elevation: _____
E-log #: _____

County: JACKSON
Permit #: _____
Driller: Coast Water Well SM
Date drilling completed: 5-30-06

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>Helen Smith</u>	Latitude: <u>30° 33' 03"</u> Longitude: <u>088° 27' 26"</u>
Mailing Address: <u>14402 Lily Orchard Rd.</u>	Method of Lat/Long (circle one): Conventional Survey, <u>Hand-held GPS</u>
<u>MOSSPOINTE MS 39562</u>	USGS quad: <u>SW 1/4 NE 1/4 Sec 2 Twn 765 Rng R5W</u>
City State Zip Code	
Telephone No. <u>(228) 475-2935</u>	Distance Direction Nearest Town <u>3</u> Miles <u>SE</u> of <u>BIG POINT</u>

Well Data

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

Date well drilling started: 5-30-06 Date well drilling completed: 5-30-06

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

Static Water Level: 25 feet above or below (circle one) land surface Date measured: 5-30-06

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

Hole depth: 646' Well depth: 646' Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 631 feet Casing diameter: 2 inches Type of casing: PVC

Screen length: 15 feet Screen diameter: 2 inches Type of screen: PVC

Screen slot size: .006 inches Setting depth: From 631 feet to 646 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): N/A

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.

Jack Ridgell 0-472
Print Name of Water Well Contractor and License No.

Jack Ridgell
Signature of Water Well Contractor

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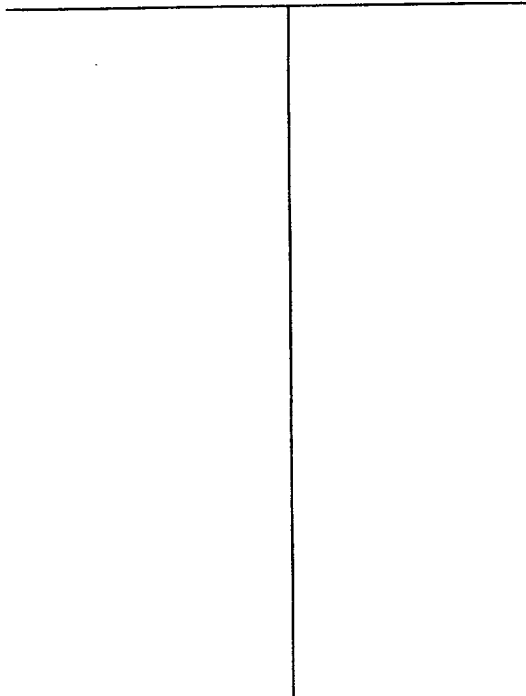
JUN 29 2006

BY: OLWR

M-453

If well telescopes please sketch below and show depths.

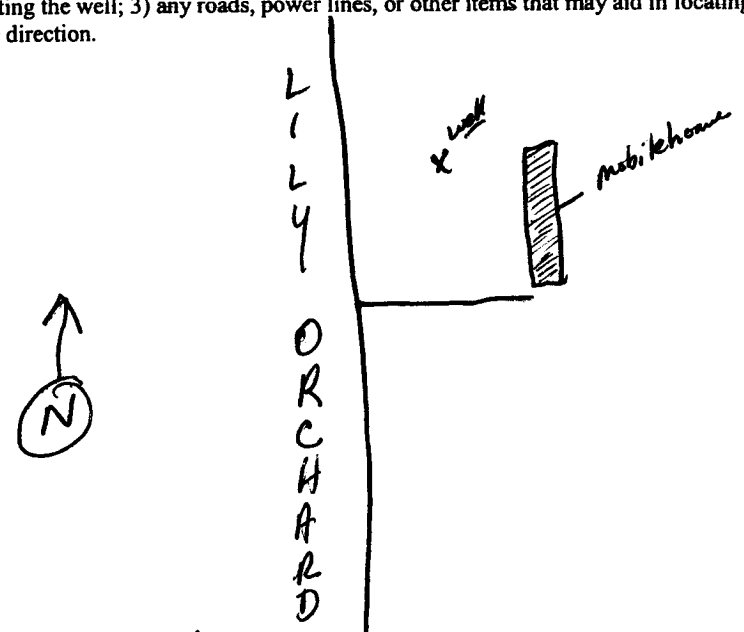
Ground Level



Description of Formations Encountered	From	To
TOP SOIL	0	1
White coarse sand	1	53
Brown clay	53	63
White coarse sand	63	100
Blue clay	100	115
White coarse sand	115	178
Blue clay	178	588
Gray medium to coarse sand	588	604
Blue clay	604	626
Gray coarse sand	626	646

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: Helen Smith


Signature of Water Well Contractor

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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: JACKSON
 Permit #: _____
 Driller: Coast Water Well Serv.
 Date completed: 5-30-06

For Office Use Only:

Aquifer: _____
 Well #: M-453
 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>Helen Smith</u>	Latitude: <u>30°33'05.2"</u> Longitude: <u>088°27'21.0"</u> <u>03</u> <u>15</u>
Mailing Address: <u>14402 Lily Orchard Rd.</u>	Method of Lat/Long (circle one): Conventional Survey,
<u>Masspoint MS 39562</u> City State Zip Code	USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS
Telephone No. <u>(228) 475-2935</u>	<u>SW</u> 1/4 <u>NE</u> 1/4 Sec <u>2</u> Twn <u>T6S</u> Rng <u>R5W</u>
	Distance Direction Nearest Town <u>3</u> Miles <u>SE</u> of <u>Big Point</u>

Pump Type Circle one	Power Type Circle one
Air Lift <input type="radio"/> Jet <input checked="" type="radio"/> Submersible	Diesel Engine <input type="radio"/> Gasoline Engine <input type="radio"/> Natural Gas
Bucket <input type="radio"/> Piston <input type="radio"/> Turbine	<input checked="" type="radio"/> Electric Motor <input type="radio"/> Hand <input type="radio"/> Tractor PTO
Centrifugal <input type="radio"/> Rotary <input type="radio"/> Flowing Well	Windmill <input type="radio"/> Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1HP</u>
Date Pump Installed: <u>6-1-06</u>	Setting Depth: <u>100 FT. Drop pipe</u> feet
Rated Pump Capacity: <u>7</u> Gallons Per Minute	Number of Stages: <u>2</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>6-1-06</u>	<input checked="" type="radio"/> Air Line <input type="radio"/> Electric Measuring Line <input type="radio"/> Steel Tape
Static Water Level (A): <u>25</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>N/A</u> Feet Below Land Surface	For flowing well, measured shut in head: <u>N/A</u> feet
Drawdown [(B) - (A)]: <u>N/A</u> Feet Below Land Surface	Well yielded <u>7</u> GPM with a drawdown of
Test Pumping Rate: <u>7</u> Gallons Per Minute	<u>N/A</u> feet after <u>N/A</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.

Ben Ridgell 0-713P Ben Ridgell
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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