

County: Marshall
 Permit #: 0-162
 Driller: Larry Carpenter
 Date drilling completed: 6-20-2011

State Well Report
Part 1 - Driller's Log
 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: F168
 Well #: _____
 L. S. Elevation: _____
 E-log #: _____

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.

Information on Well Owner (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Jim Morrow</u>	Latitude: <u>34° 55' 08" N</u> Longitude: <u>89° 33' 22" W</u>
Mailing Address: <u>88 Oak Grove Rd</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>Byhalia MS 38611</u>	USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS
City State Zip Code	<u>5K 1/4 S25 1/4 Sec 18 Twn 25 Rng 3W</u>
Telephone No. <u>906 481-6664</u>	Distance Direction Nearest Town
	<u>3 Miles SW of Mt Pleasant</u>

Well / Borehole Data

Date drilling started: 6-20-11 Date drilling completed: 6-20-11 Hole depth: 125' Hole diameter: 8"
 Location of the source of any surface water used for drilling: Water Well
 Method of dosing and volume of Chlorine used in drilling and development: 1/2 Pt Chlorine to 1000 Gal Water
 Logs run (circle all applicable): (No log run) Electric Gamma Ray Density Sonic Neutron Other: _____
 Name of organization running log(s): _____

Purpose of borehole (check one): Water Well Geotechnical/Geological Investigation _____ Ground Source Heat Pump _____
 Seismic Survey _____ Other (describe) _____

If drilling is not related to water well construction, skip the remainder of this block

Purpose of Well (check one): Home Industrial _____ Public Supply _____ Irrigation _____ Fish Culture _____ Other: _____
 If a flowing well, method of flow regulation: Valve _____ Other (describe) _____

Static Water Level: 70 feet above or (below) (circle one) land surface Date measured: 6-20-11

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

Well depth: 125' Well grouted to a depth of 10 feet Type of grout (circle one) (Neat Cement) Bentonite Mix

Casing length: 115 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 10 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: .013 inches Setting depth: From 115 feet to 125 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 next page*

Form: OLWR-SWR-1A
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 STATE OF MISSISSIPPI

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 #: _____

Elevation: _____

County: Marshall

Permit #: 0-162

Driller: Larry Carpenter

Date completed: 6-20-2011

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>Jim Morrow</u>	Latitude: <u>34 55 080</u> Longitude: <u>89 33 220</u>
Mailing Address: <u>88 Oak Grove Rd</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Byhalia MS 38611</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City State Zip Code	_____ 1/4 _____ 1/4 Sec <u>18 T 25 R 3 W</u>
Telephone No. <u>(901) 481-6664</u>	Distance Direction Nearest Town
	<u>3</u> Miles <u>SW</u> of <u>Mt Pleasant</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>3/4</u>
Date Pump Installed: <u>6-20-11</u>	Setting Depth: <u>100</u> feet
Rated Pump Capacity: <u>12</u> Gallons Per Minute	Number of Stages: <u>11</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>6-20-11</u>	Air Line Electric Measuring Line <u>Steel Tape</u> <input checked="" type="checkbox"/>
Static Water Level (A): <u>70</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>76</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>6</u> Feet Below Land Surface	Well yielded <u>16</u> GPM with a drawdown of
Test Pumping Rate: <u>16</u> Gallons Per Minute	<u>6</u> feet after <u>4</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>4</u> hours	

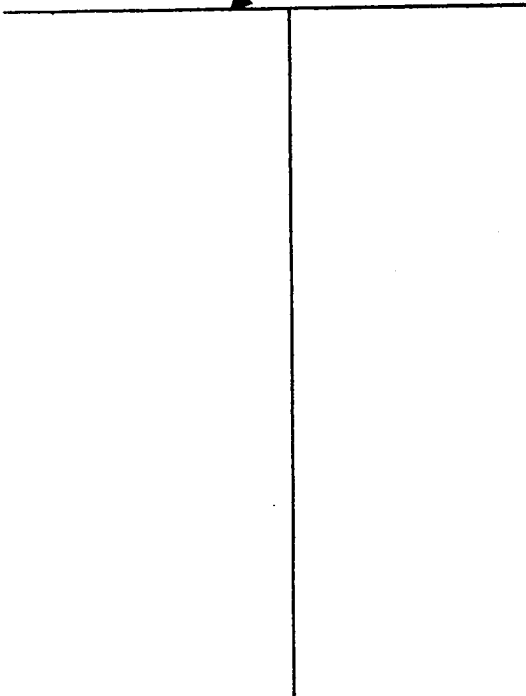
I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

Larry Carpenter #0-162
 Print Name of Pump Installer and License No. (if applicable)

Larry Carpenter
 Signature of Pump Installer

The sketch below only required for water wells

If well telescopes, show depths on sketch.
Ground Level \rightarrow

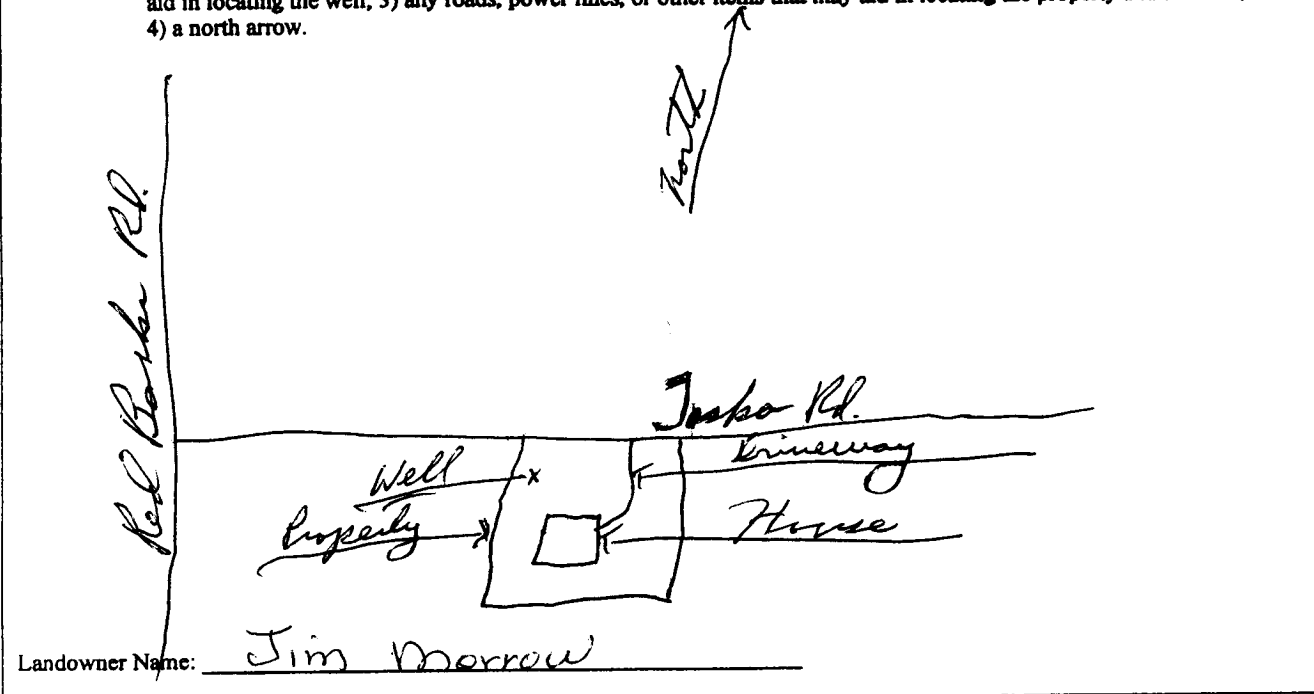


Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
Surface Soil	0	18
Med Red Sand	18	35
Fine White Sand	35	60
White clay	60	72
White coarse sand	72	125

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) a north arrow.



Form: OLWR-SWR-1A

I 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.

Print Name of Responsible Licensee and License No. Larry Carpenter # 0-162

Date 6-20-11

Signature of Licensee Larry Carpenter

