

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)

County: Jackson
 Permit #: 0-209
 Driller: R. Mason
 Date drilling completed: 3/5/06

For Office Use Only:
 Aquifer: _____
 Well #: F-267
 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.

<p>Information on Well Owner (Landowner if borehole is not for a water well)</p> <p>Owner Name: <u>Mr. Schmidt</u> Mailing Address: <u>Spring Lake Village</u> <u>Lot #20</u> <u>Vandervee, MS</u> City State Zip Code Telephone No. () _____</p>	<p>Well or Borehole Location</p> <p>Latitude: _____ Longitude: _____</p> <p>Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS</p> <p>_____ 1/4 _____ 1/4 Sec. <u>28</u> Twn <u>5S</u> Rng <u>7W</u></p> <p>Distance Direction Nearest Town <u>5</u> Miles <u>N</u> of <u>Vandervee</u></p>
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Well / Borehole Data

Date drilling started: 3/4/06 Date drilling completed: 3/5/06 Hole depth: 260 Hole diameter: 0.5

Location of the source of any surface water used for drilling: Shop

Method of dosing and volume of Chlorine used in drilling and development: 1.5lb per 1000 gal 89% chlorine

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____

Name of organization running log(s): N/A

Purpose of borehole (check one): Water Well Geotechnical/Geological Investigation Ground Source Heat Pump

Seismic Survey Other (describe) _____

If driller 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 N/A Other (describe) _____

Static Water Level: 60 feet above or below (circle one) land surface Date measured: 3/5/06

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

Well depth: 260 Well grouted to a depth of 15 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 250 feet Casing diameter: 2 inches Type of casing: PVC

Screen length: 10 feet Screen diameter: 2 inches Type of screen: PVC

Screen slot size: .006 inches Setting depth: From 250 feet to 260 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: N/A feet *If telescoped or more than one screen, describe on next page*

Form: OLWR-SWR-1A

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F-267

The sketch below only required for water wells

If well telescopes, show depths on sketch

Ground Level _____

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

Description of Formations Encountered	From (depth) Ground Level	To (depth)
Top Soil	0	3
Sandy Red Clay	3	15
Sugar Sand	15	30
Coarse White Sand	30	45
Soft Blue Clay	45	125
Hard Blue Clay	125	230
Fine Water Sand	230	240
Coarse Water Sand	240	260

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.

Landowner Name: Mr. Schmidt

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.

Dwight Mason 0-609 2/5/06
 Print Name of Responsible Licensee and License No. Date

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 Signature of Licensee

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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 #: 0-209
 Driller: R. Mason
 Date completed: 3/5/06
Copy information from block on Part 1

For Office Use Only:
 Aquifer: _____
 Well #: F-267
 Elevation: _____

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>Mr. Schmidt</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>Spring Lake Village</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Lot # 20</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>Vandœuvre, MS</u>	_____ 1/4 _____ 1/4 Sec <u>25 T 55 R 7W</u>
City / State / Zip Code	Distance Direction Nearest Town
Telephone No. () _____	<u>5</u> Miles <u>N</u> of <u>Vandœuvre</u>

Pump Type Circle one	Power Type Circle one
Air Lift <input type="radio"/> Jet <input checked="" type="radio"/> Submersible	Diesel Engine Gasoline Engine 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 Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>2</u>
Date Pump Installed: <u>3/5/06</u>	Setting Depth: <u>100</u> feet
Rated Pump Capacity: <u>11</u> Gallons Per Minute	Number of Stages: <u>3</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>3/5/06</u>	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>60</u> Feet Below Land Surface	Other (specify): <u>Plumb bob</u>
Pumping Water Level (B): <u>60</u> Feet Below Land Surface	For flowing well, measured shut in head: <u>N/A</u> feet
Drawdown [(B) - (A)]: <u>0</u> Feet Below Land Surface	Well yielded <u>11</u> GPM with a drawdown of
Test Pumping Rate: <u>11</u> Gallons Per Minute	<u>0</u> feet after <u>9</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.

Dwight Mason 0-209
 Print Name of Pump Installer and License No. (if applicable)

Dwight Mason
 Signature of Pump Installer

Form: OLWR-SWR-1B

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