

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: Harrison
 Permit #: 0-209
 Driller: R. Mason
 Date drilling completed: 7/14/06

For Office Use Only:
 Aquifer: _____
 Well #: M-940
 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 <i>(Landowner if borehole is not for a water well)</i> Owner Name: <u>Bob Mandel</u> Mailing Address: <u>11011 Auto Mall Parkway</u> <u>Jim Mason Rd.</u> <u>Oxford, MS 39540</u> City State Zip Code Telephone No. () _____		Well or Borehole Location Latitude: " ' " Longitude: " ' " Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS _____ 1/4 _____ 1/4 Sec. <u>17</u> Twn <u>7S</u> Rng <u>9W</u> Distance _____ Direction _____ Nearest Town _____ Miles _____ of <u>Biloxi</u>
Well / Borehole Data Date drilling started: <u>7/13/06</u> Date drilling completed: <u>7/14/06</u> Hole depth: <u>590</u> Hole diameter: <u>4x2</u> Location of the source of any surface water used for drilling: <u>Shop</u> Method of dosing and volume of Chlorine used in drilling and development: <u>1/2 lb per 1000 gal 89 ppm chlorine</u> Logs run (circle all applicable): <input checked="" type="checkbox"/> No log run <input type="checkbox"/> Electric <input type="checkbox"/> Gamma Ray <input type="checkbox"/> Density <input type="checkbox"/> Sonic <input type="checkbox"/> Neutron <input type="checkbox"/> Other: _____ Name of organization running log(s): <u>N/A</u> Purpose of borehole (check one): Water Well <input checked="" type="checkbox"/> Geotechnical/Geological Investigation _____ Ground Source Heat Pump _____ Seismic Survey _____ Other (describe) _____ <i>If drilling is not related to water well construction, skip the remainder of this block</i>		
Purpose of Well (check one): Home <input checked="" type="checkbox"/> Industrial _____ Public Supply _____ Irrigation _____ Fish Culture _____ Other: _____ If a flowing well, method of flow regulation: Valve <u>N/A</u> Other (describe) _____ Static Water Level: <u>100</u> feet above or below (circle one) land surface Date measured: <u>7/14/06</u> Method of Measurement (circle one) steel tape electric tape air line <input checked="" type="checkbox"/> other <u>plumb hole</u> Well depth: <u>590</u> Well grouted to a depth of <u>15</u> feet Type of grout (circle one): <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Mix Casing length: <u>580</u> feet Casing diameter: <u>4x2</u> inches Type of casing: <u>PVC</u> Screen length: <u>10</u> feet Screen diameter: <u>4x2</u> inches Type of screen: <u>PVC</u> Screen slot size: <u>.006</u> inches Setting depth: From <u>580</u> feet to <u>590</u> feet Type of completion (circle all applicable): Gravel packed _____ Underreamed _____ Telescoped _____ Open hole <input checked="" type="checkbox"/> Natural Development Other (describe): _____ Top of lap pipe or reduction in casing: <u>N/A</u> feet. <i>If telescoped or more than one screen, describe on next page</i>		

Form: OLWR-SWR-1A

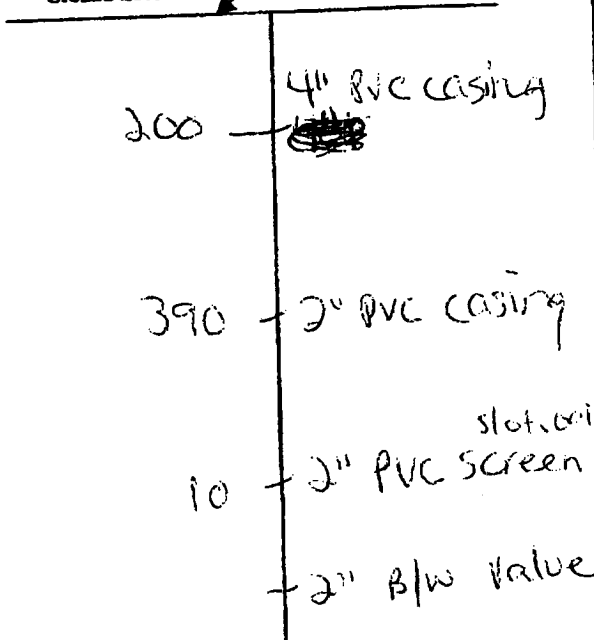
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M-940

The sketch below only required for water wells.

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

If well telescopes, show depths on sketch.
Ground Level →



Description of Formations Encountered	From (depth) To (depth)	
	Ground Level	
Top sand	0	3
Red Muck Mud	3	40
Coarse white sand	40	80
Soft blue clay	80	310
Hard blue clay	310	520
Fine white sand	520	550
Coarse white sand	550	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) a north arrow.

Landowner Name: Bob Mandel

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 0-009 7/14/06
Print Name of Responsible Licensee and License No. Date

Dwight Mason
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)

For Office Use Only:

Aquifer: _____
 Well #: M-940
 Elevation: _____

County: Harrison
 Permit #: 0-209
 Driller: R. Mason
 Date completed: 7/14/06
Core 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>Bob Mandel</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>11011 Auto Mall Parkway</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Jim Money Rd</u>	USGS quad _____ Hand-held GPS _____ Survey-grade GPS _____
<u>Diberville, MS 39540</u>	_____ 1/4 _____ 1/4 Sec <u>17</u> T <u>7s</u> R <u>9w</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. () _____	_____ Miles _____ of <u>Biloxi</u>

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>5</u>
Date Pump Installed: <u>7/14/06</u>	Setting Depth: <u>120</u> feet
Rated Pump Capacity: <u>55</u> Gallons Per Minute	Number of Stages: <u>35</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>7/14/06</u>	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>100</u> Feet Below Land Surface	Other (specify): <u>Plumb bob</u>
Pumping Water Level (B): <u>100</u> Feet Below Land Surface	For flowing well, measured slant in head: <u>N/A</u> feet
Drawdown [(B) - (A)]: <u>0</u> Feet Below Land Surface	Well yielded <u>55</u> GPM with a drawdown of
Test Pumping Rate: <u>55</u> Gallons Per Minute	<u>0</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.
Dwight Mason 0-209
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Form: OLWR-SWR-1B
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