

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: _____
 Well #: B-281
 L. S. Elevation: _____
 E-log #: _____

County: Harrison
 Permit #: 0-652
 Driller: R. Mason
 Date drilling completed: 6/13/07

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>	Well or Borehole Location
Owner Name: <u>Warren Dehm</u>	Latitude: <u>30° 59' 47" N</u> Longitude: <u>89° 15' 55" W</u>
Mailing Address: <u>21005 Yankee town</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>Saucier, MS</u>	USGS quad, Hand-held GPS, Survey-grade GPS
<u>39574</u>	<u>1/4</u> <u>1/4</u> Sec <u>14</u> Twn <u>55</u> Rng <u>12W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>228.617.4762</u>	<u>Miles</u> of <u>Saucier</u>

Well / Borehole Data

Date drilling started: 6/12/07 Date drilling completed: 6/13/07 Hole depth: 290' Hole diameter: 7 1/2" x 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: 1/2 lb per 1000 lb 89% chlorine

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 N/A Other (describe) _____

Static Water Level: 75 feet above or below (circle one) land surface Date measured: 6/13/07

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

Well depth: 290' Well grouted to a depth of 15 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 280 feet Casing diameter: 4x2 inches Type of casing: PVC

Screen length: 10 feet Screen diameter: 4x2 inches Type of screen: PVC

Screen slot size: .0060 inches Setting depth: From 280 feet to 290 feet

Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development

Other (describe): _____

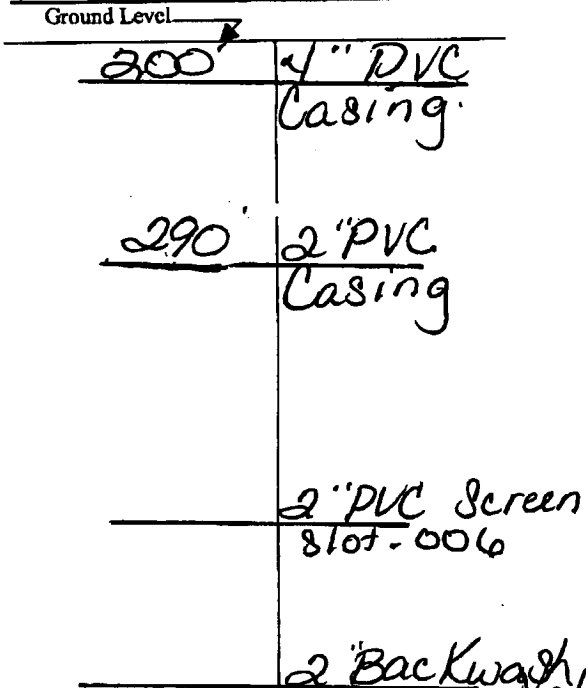
Top of lap pipe or reduction in casing: N/A feet. *If telescoped or more than one screen, describe on next page*

B-281

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.



Description of Formations Encountered	From (depth)	To (depth)
	Ground Level	
TOP SOIL	0	3
Red Sandy Clay	3	25
Course White Sand	25	45
Soft Blue Clay	45	200
Hard Blue Clay	200	275
FINE H ₂ O Sand	275	290

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: _____

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

Ronald D. Mason 0-632
 Print Name of Responsible Licensee and License No.

Date
 8/23/07

X Ronald D. Mason
 Signature of Licensee

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 #: B-281
 Elevation: _____

County: Harrison
 Permit #: Q-652
 Driller: R. Mason
 Date completed: 6/13/07
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>Warren Dehm</u>	Latitude: <u>30.5947N</u> Longitude: <u>89.1585W</u>
Mailing Address: <u>21505 Yankee town</u> <u>Saucier, MS</u> <u>39574</u>	Method of Lat/Long (check one): <u>Conventional Survey</u> USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____ _____ 1/4 _____ 1/4 Sec _____ T _____ R _____
City _____ State _____ Zip Code _____	Distance _____ Direction _____ Nearest Town: <u>Saucier</u> _____ Miles _____ of _____
Telephone No. <u>601.617.4762</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>2</u>
Date Pump Installed: <u>6/13/07</u>	Setting Depth: <u>90</u> feet
Rated Pump Capacity: <u>28</u> Gallons Per Minute	Number of Stages: <u>18</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>6/13/07</u>	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>75</u> Feet Below Land Surface	Other (specify): <u>Plumb Bob</u>
Pumping Water Level (B): <u>75</u> Feet Below Land Surface	For flowing well, measured shut in head: <u>0</u> feet
Drawdown [(B) - (A)]: <u>0</u> Feet Below Land Surface	Well yielded <u>28</u> GPM with a drawdown of
Test Pumping Rate: <u>28</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.
Ronald D. Mason - Q-652 x Ronald D. Mason
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer