

State Well Report

Part 1 - Driller's Log

Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 2309
Jackson, MS 39225
(601)961- 5210
(601)961- 5228 (fax)

For Office Use Only:

Aquifer: M 298
Well #: _____
L. S. Elevation: _____
E-log #: _____

County: DeSoto
Permit #: _____
Driller: Jones W. Mason
Date drilling completed: 7-21-11

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>Jason Potts</u>	Latitude: <u>34° 47' 86.5"</u> Longitude: <u>89° 50' 30.18"</u>
Mailing Address: <u>8487 Steven Henry</u>	Method of Lat/Long (circle one): Conventional Survey, <input type="checkbox"/> USGS quad, <input checked="" type="checkbox"/> Hand-held GPS, <input type="checkbox"/> Survey-grade GPS
<u>Hernando</u> <u>MS</u> <u>38632</u>	<u>SE</u> 1/4 <u>NE</u> 1/4 Sec <u>28</u> Twn <u>35</u> Rng <u>6W</u>
City State Zip Code	SW NE Direction Nearest Town
Telephone No. <u>(901) 277-4633</u>	<u>1 1/2</u> Miles <u>SW</u> of <u>Cockrum</u>
Well / Borehole Data	
Date drilling started: <u>7-21-11</u> Date drilling completed: <u>7-21-11</u> Hole depth: <u>155'</u> Hole diameter: <u>6 3/4</u>	
Location of the source of any surface water used for drilling: <u>NA</u>	
Method of dosing and volume of Chlorine used in drilling and development: <u>NA</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 Other: _____	
Name of organization running log(s): <u>NA</u>	
Purpose of borehole (check one): Water Well <input checked="" type="checkbox"/> Geotechnical/Geological Investigation <input type="checkbox"/> Ground Source Heat Pump <input type="checkbox"/>	
Seismic Survey <input type="checkbox"/> Other (describe) <u>NA</u>	
If drilling is not related to water well construction, skip the remainder of this block	
Purpose of Well (check one): Home <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Fish Culture <input type="checkbox"/> Other: _____	
If a flowing well, method of flow regulation: Valve <input type="checkbox"/> <u>NA</u> Other (describe) _____	
Static Water Level: <u>81</u> feet above or <input checked="" type="checkbox"/> below (circle one) land surface Date measured: <u>7-21-11</u>	
Method of Measurement (circle one) steel tape electric tape air line other: <u>string / weight</u>	
Well depth: <u>155'</u> Well grouted to a depth of <u>10</u> feet Type of grout (circle one): Neat Cement <input type="checkbox"/> <input checked="" type="checkbox"/> Bentonite Mix	
Casing length: <u>135</u> feet Casing diameter: <u>4</u> inches Type of casing: <u>pvc</u>	
Screen length: <u>20</u> feet Screen diameter: <u>4</u> inches Type of screen: <u>pvc</u>	
Screen slot size: <u>.010</u> inches Setting depth: From <u>135</u> feet to <u>155</u> feet	
Type of completion (circle all applicable): <input checked="" type="checkbox"/> Gravel packed <input type="checkbox"/> Underreamed <input type="checkbox"/> Telescoped <input type="checkbox"/> Open hole <input type="checkbox"/> Natural Development	
Other (describe): <u>NA</u>	
Top of lap pipe or reduction in casing: <u>NA</u> feet. If telescoped or more than one screen, describe on next page	

Form: OLWR-SWR (AUG 2011)

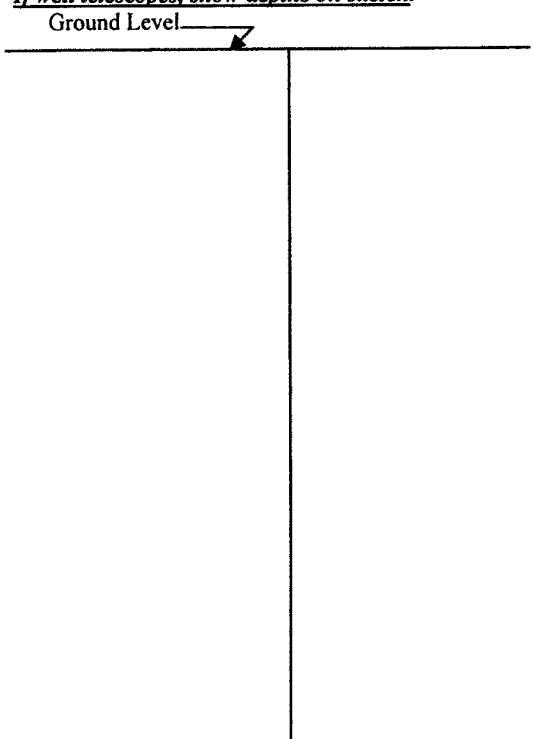
RECEIVED
AUG 19 2011
BY: OLWR

M 298

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)
clay dirt	Ground Level	10
red sand	10	30
gravel	30	50
white clay	50	90
white sand	90	155

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: Jason Potts

Form: OLWR-SWR-1A (04/08)

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.

Jones W. Mason 6-620
 Print Name of Responsible Licensee and License No.

8-17-11
 Date

Jones W. Mason
 Signature of Licensee

RECEIVED
 AUG 19 2011
 BY: OLWR

STATE WELL REPORT

Part 2

Pump Installer's Completion Report
 Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P.O. Box 2309
 Jackson, MS 39225
 (601)961-5210
 (601)961-5228 (fax)

County: Desoto
 Permit #: _____
 Driller: Jones W Mason
 Date completed: 7-21-11
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: M298
 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>Jason Potts</u>	Latitude: <u>34.47.863</u> Longitude: <u>89.50.300</u>
Mailing Address: <u>8487 Steven Henry</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Hernando</u> MS <u>38632</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City State Zip Code	<u>SE</u> 1/4 <u>NW</u> 1/4 Sec <u>28</u> T <u>3s</u> R <u>6w</u>
Telephone No. <u>(901) 277-4633</u>	<u>SW</u> <u>NE</u> Distance Direction Nearest Town
	<u>1 1/2</u> Miles <u>SW</u> of <u>Cockrum</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 Turbine	<u>Electric Motor</u> <input checked="" type="checkbox"/> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1 1/2</u>
Date Pump Installed: <u>7-21-11</u>	Setting Depth: <u>100</u> feet
Rated Pump Capacity: <u>22</u> Gallons Per Minute	Number of Stages: <u>11</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>7-21-11</u>	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>81</u> Feet Below Land Surface	Other (specify): <u>String / weight</u>
Pumping Water Level (B): <u>NA</u> Feet Below Land Surface	For flowing well, measured shut in head: <u>NA</u> feet
Drawdown [(B) - (A)]: <u>NA</u> Feet Below Land Surface	Well yielded <u>22</u> GPM with a drawdown of
Test Pumping Rate: <u>22</u> Gallons Per Minute	<u>NA</u> feet after <u>24</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>NA</u> hours	

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

Jones W. Mason 0-620
 Print Name of Pump Installer and License No. (if applicable)

[Signature]
 Signature of Pump Installer

RECEIVED

BY: OLWR