

# 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: Marshall  
 Permit #: \_\_\_\_\_  
 Driller: Jones w Mason  
 Date drilling completed: 7-5-07

For Office Use Only:

Aquifer: \_\_\_\_\_  
 Well #: H-308  
 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 <small>(Landowner if borehole is not for a water well)</small>	Well or Borehole Location
Owner Name: <u>Nathaniel Hobbs</u>	Latitude: <u>N34° 49' 22"</u> Longitude: <u>W89° 40' 86"</u>
Mailing Address: <u>LOT 83 moares plantation</u> <u>moares loop</u>	Method of Lat/Long (circle one): Conventional Survey, <u>52</u>
<u>Byholia</u> MS <u>38611</u>	USGS quad, <u>(Hand-held GPS)</u> Survey-grade GPS
City State Zip Code	<u>SE</u> 1/4 <u>NE</u> 1/4 Sec <u>13</u> Twn <u>35</u> Rng <u>5W</u>
Telephone No. <u>(901) 870-4218</u>	Distance <u>1 1/2</u> Miles Direction <u>S</u> of Nearest Town <u>Warson</u>

**Well / Borehole Data**

Date drilling started: 7-5-07 Date drilling completed: 7-5-07 Hole depth: 95' Hole diameter: 63/4

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

Method of dosing and volume of Chlorine used in drilling and development: NA

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

Name of organization running log(s): NA

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  NA Other (describe) \_\_\_\_\_

Static Water Level: 45 feet above or (below) (circle one) land surface Date measured: 7-6-07

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

Well depth: 95 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement (Bentonite) Mix

Casing length: 85 feet Casing diameter: 4 inches Type of casing: pvc

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

Screen slot size: 010 inches Setting depth: From 85 feet to 95 feet

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

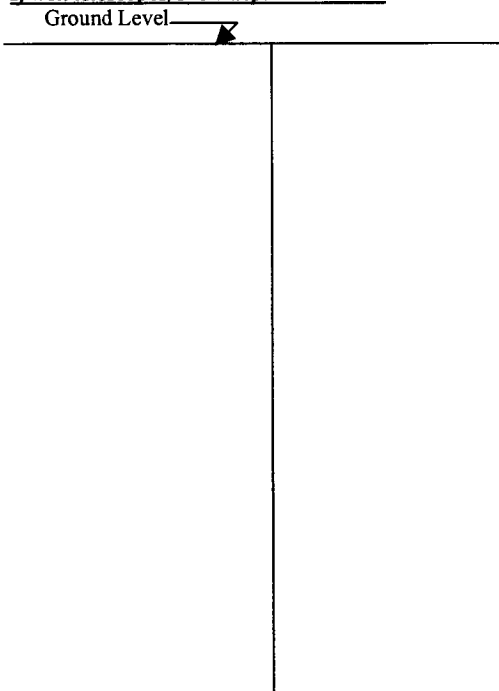
Other (describe): NA

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

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The sketch below only required for water wells

If well telescopes, show depths on sketch.

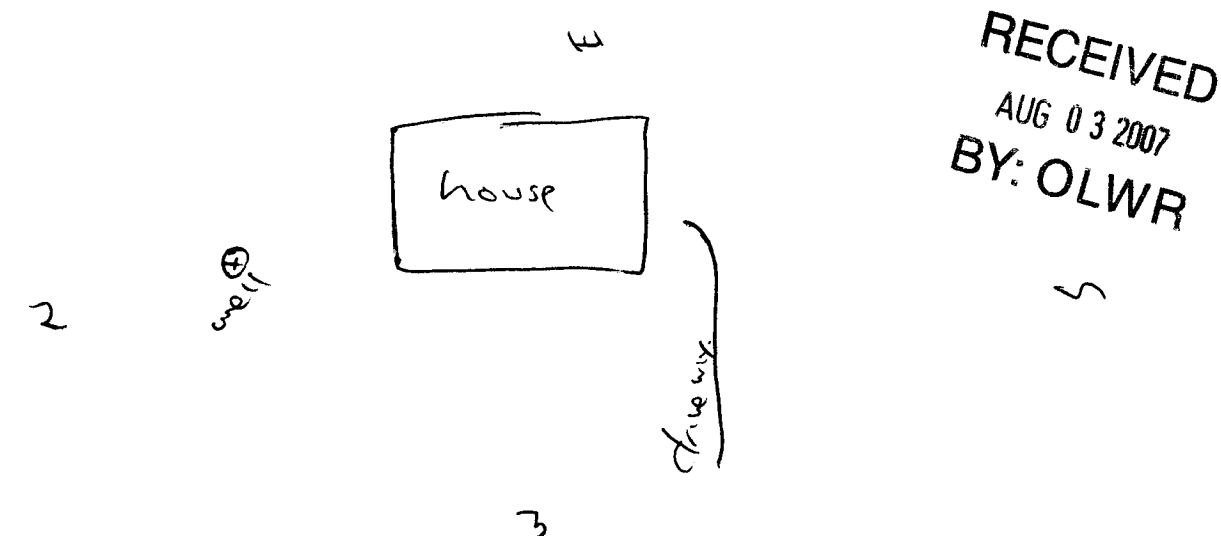


Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
clay dirt	Ground Level	15
white clay	15	50
white sand	50	95

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: Nathaniel Hobbs

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.

Jones W. Mason 0-620 7-30-07

Jones W. Mason

Print Name of Responsible Licensee and License No.

Date

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)

County: Marshall  
 Permit #                       
 Driller: Jones W. Meser  
 Date completed: 7-6-07  
*Copy information from block on Part 1*

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: H-308  
 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>Nathaniel Hobbs</u>	Latitude: <u>N34.49222</u> Longitude: <u>W89.40.866</u>
Mailing Address: <u>LOT 83 moares plantation</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Byhalie</u> <u>MS</u> <u>38611</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City                      State                      Zip Code	<u>SE 1/4 NW 1/4 Sec 13 T 3S R 5W</u>
Telephone No. <u>(901)870-4218</u>	Distance                      Direction                      Nearest Town
	<u>1/2</u> Miles <u>S</u> of <u>Warsaw</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>3/4</u> feet
Date Pump Installed: <u>7-6-07</u>	Setting Depth: <u>60</u> feet
Rated Pump Capacity: <u>12</u> Gallons Per Minute	Number of Stages: <u>11</u>

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Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>7-6-07</u>	Air Line                      Electric Measuring Line                      Steel Tape
Static Water Level (A): <u>45</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>12</u> GPM with a drawdown of
Test Pumping Rate: <u>12</u> Gallons Per Minute	<u>NA</u> feet after <u>24</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>24</u> hours	

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

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

Jones W. Meser  
 Signature of Pump Installer