

County: Marshall  
 Permit #: \_\_\_\_\_  
 Driller: Jones W. Mason  
 Date drilling completed: 9-15-07

### 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 #: N-91  
 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>	Well or Borehole Location
Owner Name: <u>Southern Housing</u>	Latitude: <u>34° 42' 908"</u> Longitude: <u>89° 36' 257"</u>
Mailing Address: <u>4805 Marianne Rd.</u>	Method of Lat/Long (circle one): Conventional Survey, <u>54</u> <u>15</u>
<u>Holly Springs MS 38635</u> City State Zip Code	USGS quad: <u>Hand-held GPS</u> Survey-grade GPS
Telephone No. <u>(662) 838-3773</u>	<u>NW 1/4 NE 1/4</u> Sec <u>27</u> Twn <u>4S</u> Rng <u>4W</u>
	Distance <u>1 1/2</u> Miles Direction <u>SW</u> of Nearest Town <u>Marietta</u>
Well / Borehole Data	
Date drilling started: <u>9-15-07</u> Date drilling completed: <u>9-15-07</u> Hole depth: <u>185</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): <u>No log run</u> Electric Gamma Ray Density Sonic 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 _____ 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>NA</u> Other (describe) _____	
Static Water Level: <u>140</u> feet above or <u>below</u> (circle one) land surface Date measured: <u>9-24-07</u>	
Method of Measurement (circle one) steel tape electric tape air line other: <u>string / weight</u>	
Well depth: <u>185</u> Well grouted to a depth of <u>10</u> feet Type of grout (circle one): Neat Cement <u>Bentonite</u> Mix	
Casing length: <u>165</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>165</u> feet to <u>185</u> feet	
Type of completion (circle all applicable): <u>Gravel packed</u> Underreamed Telescoped Open hole Natural Development	
Other (describe): <u>NA</u>	
Top of lap pipe or reduction in casing: <u>NA</u> feet. <i>If telescoped or more than one screen, describe on next page</i>	

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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: Marshall  
 Permit #: \_\_\_\_\_  
 Driller: James W. Mason  
 Date completed: 9-24-07  
*Copy information from block on Part 1*

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: N-91  
 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>Southern Housing</u>	Latitude: <u>34.42.908</u> Longitude: <u>89.36.257</u>
Mailing Address: <u>4805 Marrianna rd</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Holly Springs, MS 38635</u> City State Zip Code	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> Survey-grade GPS _____
Telephone No. <u>(662) 838-3773</u>	<u>NW 1/4 NE 1/4 Sec 27 T 45 R 4W</u>
	Distance Direction Nearest Town <u>1/2 Miles SW of Marrianna</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="checkbox"/> <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>
Date Pump Installed: <u>9-24-07</u>	Setting Depth: <u>170</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>9-24-07</u>	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>140</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.

James W. Mason 0-6201  
 Print Name of Pump Installer and License No. (if applicable)

James W. Mason  
 Signature of Pump Installer