

County: Marshall 093  
 Permit #: \_\_\_\_\_  
 Driller: Jones W. Mason  
 Date drilling completed: 1-30-05

### Well Driller Report and Well 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 #: M-63  
 L. S. Elevation: NULL  
 E-log #: \_\_\_\_\_

*Mason Water Wells, LLC*

State Law requires that this report be prepared by the driller in detail and filed with the Department within 30 days of completion of drilling of the well.

Well Owner Information		Well Location	
Owner Name: <u>George Cooley</u>	Latitude: <u>34.42.882</u>	Longitude: <u>089.40.961</u>	
Mailing Address: <u>467 wall hill rd</u>	Method of Lat/Long (circle one): <u>53</u> Conventional Survey,		
<u>Byholica</u> <u>MS</u> <u>38611</u>	USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS		
City State Zip Code	NW 1/4 <u>NW</u> Sec <u>25</u> Twn <u>45</u> Rng <u>5W</u>		
Telephone No. <u>(901) 428 2147</u>	Distance <u>1.14</u> Miles	Direction <u>W</u> of	Nearest Town <u>Orion</u>

**Well Data**

Purpose of Well (circle one) Home Industrial Public Supply Irrigation Fish Culture Other: \_\_\_\_\_

Date well drilling started: 1-30-05 Date well drilling completed: 1-30-05

If flowing, method of flow regulation: Valve NA Other (describe) \_\_\_\_\_

Static Water Level: 65 feet above or below (circle one) land surface Date measured: 1-30-05

Method of Measurement (circle one) steel tape electric tape air line other: String/weight

Hole depth: 155' Well depth: 155' Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 145 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 145 feet to 155 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: NA feet. If telescoped or more than one screen, describe on back of page

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

Name of organization running log(s): \_\_\_\_\_

I certify that the well was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

Jones W. Mason 0-620 \_\_\_\_\_  
 Print Name of Water Well Contractor and License No. Signature of Water Well Contractor

If well telescopes please sketch below and show depths.

**RECEIVED**  
 MAR 03 2005  
 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 10631  
Jackson, MS 39289-0631  
(601)961-5210  
(601)354-6938 (fax)

For Office Use Only:

Aquifer: N111  
Well #: M-63  
Elevation: \_\_\_\_\_

County: Marshall  
Permit #: \_\_\_\_\_  
Driller: James W. Mason  
Date completed: 1-30-05

This report should be prepared by the pump installer in detail and filed with the Department within 30 days of the installation of pump.

Well Owner Information	Well Location
Owner Name: <u>George Cooley</u>	Latitude: <u>34.42.882</u> Longitude: <u>089.40.061</u>
Mailing Address: <u>467 wall hill rd</u>	Method of Lat/Long (circle one): Conventional Survey,
<u>Byhalia</u> MS <u>38611</u>	USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS
City State Zip Code	NW <u>1/4</u> <u>NE</u> <u>1/4</u> Sec <u>28</u> Twn <u>45</u> Rng <u>565</u>
Telephone No. <u>901, 428-2147</u>	Distance <u>NW</u> Direction <u>30</u> Nearest Town <u>4W</u>
	<u>1.14</u> Miles <u>W</u> of <u>Orion</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>
Date Pump Installed: <u>1-30-05</u>	Setting Depth: <u>120'</u> feet
Rated Pump Capacity: <u>12</u> Gallons Per Minute	Number of Stages: <u>11</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>1-30-05</u>	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): <u>65</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  
Print Name of Pump Installer and License No. (if applicable)

James W. Mason  
Signature of Pump Installer

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MAR 03 2005  
BY: OLWR