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County: Desoto  
 Permit #: \_\_\_\_\_  
 Driller: Jones W. Mason  
 Date drilling completed: 12-29-04

### 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 #: F-130  
 L. S. Elevation: \_\_\_\_\_  
 E-log #: \_\_\_\_\_

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>John Mason</u>	Latitude: <u>34° 54' 44"</u> Longitude: <u>90° 04' 24"</u>
Mailing Address: <u>4540 Starloading rd.</u>	Method of Lat/Long (circle one): <input checked="" type="radio"/> Conventional Survey, <u>13</u>
<u>Nesbit</u> MS <u>38651</u>	USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS <input checked="" type="checkbox"/>
City State Zip Code	<u>SW</u> 1/4 <u>SE</u> 1/4 Sec <u>17</u> Twn <u>25</u> Rng <u>8W</u>
Telephone No. <u>(662) 404-0299</u>	Distance <u>10</u> Miles Direction <u>SE</u> of Nearest Town <u>Days</u>

**Well Data**

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

Date well drilling started: 12-29-04 Date well drilling completed: \_\_\_\_\_

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

Static Water Level: 140 feet above or  below (circle one) land surface Date measured: 12-29-04

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

Hole depth: 170' Well depth: 168' Well grouted to a depth of 10 feet

Type of grout (circle one): Cement  Bentonite Mix

Casing length: 158' 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 158 feet to 168 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

log mailed 1/13/05

39:01/05



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### STATE WELL REPORT

#### Part 2

#### Pump Installer's Completion Report

County: Desoto  
 Permit #: \_\_\_\_\_  
 Driller: Jones w. Mason  
 Date completed: 12-29-04

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For Office Use Only:  
 Aquifer: \_\_\_\_\_  
 Well #: F-130  
 Elevation: \_\_\_\_\_

This report must be prepared by the pump installer in detail and filed with the Department within 30 days of the installation of pump. A copy of Part 1 of this report must be attached to this report.

Well Owner Information	Well Location
Owner Name: <u>John Mason</u>	Latitude: <u>34-54.449</u> Longitude: <u>90-04.211</u>
Mailing Address: <u>4540 Starlanding</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>(Hand-held GPS)</u> Survey-grade GPS
<u>Nesbit</u> MS. <u>38651</u>	<u>Sw</u> 1/4 <u>SE</u> 1/4 Sec <u>17</u> Twn <u>25</u> Rng <u>8w</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. <u>(662) 404-0299</u>	<u>1/2</u> Miles <u>SE</u> of <u>Days</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>1 hp.</u>
Date Pump Installed: <u>12-29-04</u>	Setting Depth: <u>150'</u> feet
Rated Pump Capacity: <u>12</u> Gallons Per Minute	Number of Stages: <u>10</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>12-29-04</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.

Jones w. Mason  
 Print Name of Pump Installer and License No. (if applicable)

Jones w. Mason  
 Signature of Pump Installer