

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: T 38
Well #: _____
L. S. Elevation: _____
E-log #: _____

County: Marshall
Permit #: _____
Driller: James W. Mason
Date drilling completed: 8-16-10

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>James Rowland</u> | Latitude: <u>34° 39' 05.3"</u> Longitude: <u>89° 27' 28.8"</u> |
| Mailing Address: <u>153 potts camp rd.</u> | Method of Lat/Long (circle one): Conventional Survey, <u>17</u> |
| <u>waterford ms 38685</u> | USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS |
| City State Zip Code | <u>SW</u> 1/4 <u>NW</u> 1/4 Sec <u>18</u> Twn <u>5S</u> Rng <u>2W</u> |
| Telephone No. <u>(662) 252-1121</u> | Distance Direction Nearest Town <u>11.6</u> Miles <u>N</u> of <u>waterford</u> |

Well / Borehole Data

Date drilling started: 8-16-10 Date drilling completed: 8-16-10 Hole depth: 140' Hole diameter: 6 3/4

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) NA

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: 96 feet above or below (circle one) land surface Date measured: 8-16-10

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

Well depth: 140 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 120 feet Casing diameter: 4 inches Type of casing: pvc

Screen length: 20 feet Screen diameter: 4 inches Type of screen: pvc

Screen slot size: .010 inches Setting depth: From 120 feet to 140 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*

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

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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 2309
 Jackson, MS 39225
 (601)961-5210
 (601)961-5228 (fax)

County: Marshall
 Permit #: _____
 Driller: Jones W. Mason
 Date completed: 8-16-10
Copy information from block on Part 1

For Office Use Only:

Aquifer: T38
 Well #: _____
 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>Jones Rowland</u> | Latitude: <u>34.39.059</u> Longitude: <u>89.27.288</u> |
| Mailing Address: <u>153 potts camp rd</u> | Method of Lat/Long (check one): Conventional Survey _____ |
| <u>Waterford</u> MS. <u>38685</u> | USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____ |
| City State Zip Code | <u>SW</u> 1/4 <u>NW</u> 1/4 Sec <u>18</u> T <u>5s</u> R <u>2w</u> |
| Telephone No. <u>(662) 252-1121</u> | Distance Direction Nearest Town |
| | <u>1/16</u> Miles <u>N.</u> of <u>Waterford</u> |

| Pump Type Circle one | Power Type Circle one |
|--|--|
| Air Lift Jet <input type="checkbox"/> Submersible <input checked="" type="checkbox"/> | Diesel Engine Gasoline Engine Natural Gas |
| Bucket Piston <input type="checkbox"/> Turbine <input type="checkbox"/> | Electric Motor <input checked="" type="checkbox"/> Hand Tractor PTO |
| Centrifugal Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/> | Windmill Other (specify): _____ |
| Other (specify): _____ | Horse Power Rating of Motor: <u>3/4</u> |
| Date Pump Installed: <u>8-16-10</u> | Setting Depth: <u>110</u> feet |
| Rated Pump Capacity: <u>10</u> Gallons Per Minute | Number of Stages: <u>8</u> |

| Pump Test Data | Method of Measuring Water Level Circle one |
|--|---|
| Date Well Tested: <u>8-16-10</u> | Air Line Electric Measuring Line Steel Tape |
| Static Water Level (A): <u>96</u> Feet Below Land Surface | Other (specify): <u>string level</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>10</u> GPM with a drawdown of |
| Test Pumping Rate: <u>10</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 0-620 _____
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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