

State Well Report

Part 1 - Driller's Log

Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 2307
Jackson, MS 39225
(601)961- 5210
(601)961- 5228 (fax)

County: Desoto
Permit #: _____
Driller: Jones w. Mason
Date drilling completed: 8-19-08

For Office Use Only:
Aquifer: _____
Well #: M-273
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.

| | |
|---|---|
| <p align="center">Information on Well Owner <i>(Landowner if borehole is not for a water well)</i></p> <p>Owner Name <u>Chris Beach</u> Mailing Address: <u>4386 Glynw Valley East</u> <u>LOT 7 Desoto farms</u> <u>Byhalia ms 38611</u> City State Zip Code Telephone No. <u>(901) 921-0058</u></p> | <p align="center">Well or Borehole Location</p> <p>Latitude: <u>34° 47' 737</u> Longitude: <u>89° 44' 081</u> <u>44</u> <u>05</u> Method of Lat/Long (circle one): Conventional Survey, USGS quad <u>(Hand-held GPS)</u> Survey-grade GPS <u>NE 1/4 SW 1/4 Sec 28</u> Twn <u>35</u> Rng <u>5w</u> Distance Direction Nearest Town <u>2.18</u> Miles <u>SE</u> of <u>Ingrams mill</u></p> |
| <p>Well / Borehole Data</p> | |
| <p>Date drilling started: <u>8-19-08</u> Date drilling completed: <u>8-19-08</u> Hole depth: <u>140'</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) _____</p> <p align="center"><i>If drilling is not related to water well construction, skip the remainder of this block</i></p> | |
| <p>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>62</u> feet above or <u>(below)</u> (circle one) land surface Date measured: <u>8-28-08</u> Method of Measurement (circle one) steel tape electric tape air line other: <u>String weight</u> Well depth: <u>140</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>130</u> feet Casing diameter: <u>4</u> inches Type of casing: <u>pvc</u> Screen length: <u>10</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>130</u> feet to <u>140</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></p> | |

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

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M-273

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level.

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 | 10 |
| red clay | 10 | 15 |
| gravel | 15 | 18 |
| white clay | 18 | 55 |
| white sand | 55 | 140 |
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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.

The sketch shows a rectangular area representing a property. In the center is a square labeled "house". To the top left of the house is a small circle with a dot in the center, labeled "well". To the right of the house is a vertical line labeled "drive way". At the top center of the property is a north arrow pointing upwards, labeled "N". There are two small circles with dots in the center, one in the top right and one in the bottom center of the property area.

Landowner Name: Chris Beach

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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 9-15-08

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

County: Desoto
 Permit #: _____
 Driller: Jones W. Mason
 Date completed: 8-28-08
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: M-273
 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>Chris Beach</u> | Latitude: <u>34°47'13"</u> Longitude: <u>89°44'08"</u> |
| Mailing Address: <u>4386 glynn valley East</u> <u>lot 7 Desoto farms</u> <u>Byhalia ms 38611</u> City State Zip Code | Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____ <u>NE 1/4 SW 1/4 Sec 28 T35 R5w</u> |
| Telephone No. <u>(901) 921-0058</u> | Distance Direction Nearest Town <u>2 1/8 Miles SE of Ingrams Mill</u> |

| Pump Type Circle one | Power Type Circle one |
|--|---|
| Air Lift Jet <input type="checkbox"/> <input checked="" type="checkbox"/> <u>Submersible</u> | Diesel Engine Gasoline Engine Natural Gas |
| Bucket Piston <input type="checkbox"/> Turbine <input type="checkbox"/> | <input checked="" type="checkbox"/> <u>Electric Motor</u> Hand <input type="checkbox"/> 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>8-28-08</u> | Setting Depth: <u>100</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>8-28-08</u> | Air Line Electric Measuring Line Steel Tape |
| Static Water Level (A): <u>62</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>10</u> GPM with a drawdown of _____ feet after <u>24</u> hours of pumping |
| Test Pumping Rate: <u>10</u> Gallons Per Minute | |
| 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

Form: **RECEIVED**
 DEPT. OF ENVIRONMENTAL QUALITY (04/06)

SEP 18 2008
 BY: OLWR