

County: Holmes
 Permit #: GW 44848
 Irrigation Equipment
 Date drilling completed: 2-28-11

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: R146
 Well #: _____
 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>Information on Well Owner (Landowner if borehole is not for a water well) Owner Name: <u>Heirs of J M Howard LLC</u> <u>904 Medallion Drive</u> Mailing Address: _____ _____ <u>Greenwood MS 38930</u> City State Zip Code Telephone No. () _____</p>	<p>Well or Borehole Location Latitude: <u>33.07.55.6</u> Longitude: <u>90.11.39.3</u> Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>(Hand-held GPS)</u> Survey-grade GPS <u>NE ¼ NE ¼ Sec 28 Twn 15N Rng 1E</u> Distance Direction Nearest Town <u>3</u> Miles <u>SE</u> of <u>Tchula</u></p>
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Well / Borehole Data

Date drilling started: 2-28-11 Date drilling completed: 2-28-11 Hole depth: 116 Hole diameter: 24"

Location of the source of any surface water used for drilling: Surface Water

Method of dosing and volume of Chlorine used in drilling and development: 50 PPM

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

Name of organization running log(s): _____

Purpose of borehole (check one): Water Well Geotechnical/Geological Investigation _____ Ground Source Heat Pump _____
 Seismic Survey _____ Other (describe) _____

If drilling is not related to water well construction, fill the remainder of this block

Purpose of Well (check one): Home _____ Industrial _____ Public Supply _____ Pivot Irrigation Fish Culture _____ Other: _____

If a flowing well, method of flow regulation: Valve _____ Other (describe) _____

Static Water Level: 13 feet above or below (circle one) land surface Date measured: 3-2-11

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

Well depth: 116 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 76 feet Casing diameter: 16 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 16 inches Type of screen: PVC

Screen slot size: .032 inches Setting depth: From 77 feet to 116 feet

Type of completion (circle all applicable): Gravel packed Underscreened Telescoped Open hole Natural Development
 Other (describe): _____

Top of lap pipe or reduction in casing: _____ feet. *If telescoped or more than one screen, describe on next page*

Form: OLWR-SWR-1A (04/06)

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K146

The sketch below only required for water wells.

If well telescopes, show depths on sketch.

Ground Level \rightarrow

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	Ground Level	63
Medium Sand + Gravel	64	71
Fine Sand	72	105
Clay	106	116

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.

Landowner Name: _____

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

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.

Patrick M Chism 0695

[Signature]

Print Name of Responsible Licensee and License No.

Date

Signature of Licensee

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BY: OLWR

County: Holmes
 Permit #: GW 44848
Irrigation Equipment
 Driller:
 Date completed: 2-28-11
 Copy information from block on Part I

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)

For Office Use Only:
 Aquifer: _____
 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>Heirs of J M Howard LLC</u> Mailing Address: <u>904 Medallion Drive</u> <u>Greenwood MS 38930</u> City State Zip Code Telephone No. () _____	Latitude: _____ Longitude: _____ Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____ <u>NE 1/4 NE 1/4 Sec 28 T15N R 1E</u> Distance _____ Direction _____ Nearest Town _____ <u>3 Miles SE of Tchula</u>

Pump Type	Power Type
Circle one Air Lift <input type="checkbox"/> Jet <input checked="" type="checkbox"/> Submersible Bucket <input type="checkbox"/> Piston <input type="checkbox"/> Turbine Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well Other (specify): _____ Date Pump Installed: <u>3-2-11</u> Rated Pump Capacity: _____ Gallons Per Minute	Circle one Diesel Engine <input type="checkbox"/> Gasoline Engine <input checked="" type="checkbox"/> Natural Gas <input type="checkbox"/> <input checked="" type="checkbox"/> Electric Motor <input type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO Windmill <input type="checkbox"/> Other (specify): _____ Horse Power Rating of Motor: <u>40</u> Setting Depth: <u>50</u> feet Number of Stages: <u>3</u>

Pump Test Data	Method of Measuring Water Level
Date Well Tested: _____ Static Water Level (A): _____ Feet Below Land Surface Pumping Water Level (B): _____ Feet Below Land Surface Drawdown [(B) - (A)]: _____ Feet Below Land Surface Test Pumping Rate: _____ Gallons Per Minute Duration of Pump Test (minimum 4 hours): _____ hours	Circle one Air Line <input type="checkbox"/> Electric Measuring Line <input checked="" type="checkbox"/> Steel Tape Other (specify): _____ For flowing well, measured shut in head: _____ feet Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping

This is for (circle one): New Well Replacement of Existing Pump Repair of Existing Pump

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.
Patrick M Chism 0695
 Print Name of Pump Installer and License No. (if applicable) _____

 Signature of Pump Installer

Form: OLWR-SWR-1C (07-09)

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