

County: Sunflower
Permit #: GW-45834
Driller: Irrigation Equipment
Date drilling completed: 05/02/2012

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: _____
Well #: 5119
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.

Information on Well Owner <i>(Landowner if borehole is not for a water well)</i>	Well or Borehole Location
Owner Name <u>Bruce Brumfield</u>	Latitude: <u>33</u> ° <u>18</u> ' <u>25</u> " Longitude: <u>90</u> ° <u>41</u> ' <u>17</u> "
Mailing Address: <u>232 Brumfield Road</u>	Method of Lat/Long (check one): <input type="checkbox"/> Conventional Survey,
<u>Inverness</u> <u>Ms</u> <u>38753</u>	<input type="checkbox"/> USGS quad, <input checked="" type="checkbox"/> Hand-held GPS, <input type="checkbox"/> Survey-grade GPS
City State Zip code	<u>SW</u> 1/4 <u>NW</u> 1/4 Sec <u>23</u> ✓ Twn <u>17N</u> Rng <u>5W</u>
Telephone No. () -	Distance Direction Nearest Town
	<u>6</u> Miles <u>Northwest</u> of <u>Isola</u>

Well / Borehole Data

Date drilling started: 05/02/2012 Date drilling completed: 05/02/2012 Hole depth: 127 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 (check 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, skip the remainder of this block

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

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

Static Water Level: 29 feet above or below (check one) land surface Date measured: 05/03/2012

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

Well depth: 127 Well grouted to a depth of 10 feet Type of grout (check one): Neat Cement Bentonite Mix

Casing length: 87 feet Casing diameter: 16 inches Type of casing: PVC

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

Screen slot size: .050 inches Setting depth: From 88 feet to 127 feet

Type of completion (check all applicable): Gravel packed Underreamed 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 (04/08)

RECEIVED
MAY 16 2012
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 2309
Jackson, MS 39225
(601) 961-5210
(601) 961-5228 (fax)

For Office Use Only:

Aquifer:
Well #: 5119
Elevation:

County: Sunflower
Permit #: GW-45834
Driller: Irrigation Equipment
Date drilling completed: 05/02/2012
Copy information from block on Part 1

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: Bruce Brumfield, 232 Brumfield Road, Inverness, Ms 38753. Telephone No. () - . Well Location: Latitude 33 18' 25 N, Longitude 90 41' 26 W. Method of Lat/Long: Hand-held GPS. SW 1/4 NW 1/4 Sec 23 T 17N R 5W. Distance 6 Miles Northwest of Isola.

Pump Type: Turbine. Power Type: Diesel Engine. Horse Power Rating of Motor: 60. Setting Depth: 70 feet. Number of Stages: 1. Rated Pump Capacity: 2500+/- Gallons Per Minute. Date Pump Installed: 05/03/2012.

Pump Test Data: 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. Method of Measuring Water Level: . For flowing well, measured shut in head: . feet. Well yielded . GPM with a drawdown of . feet after . hours of pumping.

This is for (check one): [X] 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 Chism 0695 Print Name of Pump Installer and License No. (if applicable). Signature of Pump Installer. RECEIVED MAY 16 2012