

County: Washington
 Permit #: GW 45478 ✓
Irrigation Equipment
 Driller: _____
 Date drilling completed: 7-5-2011

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: E 203
 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.

Information on Well Owner (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name <u>Bourbon Plantation</u>	Latitude: <u>33 . 23 . 31 . 2</u> N Longitude: <u>90 53 42.0</u> W
Mailing Address: <u>Box 387</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u> , USGS quad, Hand-held GPS, Survey-grade GPS ✓
<u>Leland MS 38756</u>	<u>NE</u> 1/4 <u>SW</u> 1/4 Sec <u>23</u> ✓ Twn <u>18N</u> ✓ Rng <u>7W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. ()	_____ Miles _____ of <u>Leland</u>

7-5-11 Well / Borehole Data
 Date drilling started: _____ Date drilling completed: 7-5-11 Hole depth: 125 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, skip the remainder of this block

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

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

Static Water Level: 33 feet above or below (circle one) land surface Date measured: 7-6-2011

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

Well depth: 125 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement (Bentonite) Mix

Casing length: 85 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 86 feet to 125 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: _____ feet. *If telescoped or more than one screen, describe on next page*

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

Old well is 15' east of new well.
 Old well: GW10313 16" pumped sand.

RECEIVED
 AUG 2 2 2011
 BY: [Signature]

County: Washington
 Permit #: GW 45478
Irrigation Equipment
 Driller: _____
 Date completed: 7-5-2011
Copy information from block on Part 1

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 #: E203
 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>Bourbon Plantation</u>	Latitude: <u>33 23 31.2N</u> Longitude: <u>90 53 42.0</u>
Mailing Address: <u>Box 387</u>	Method of Lat/Long (check one): <input type="checkbox"/> Conventional Survey _____
<u>Leland MS 38756</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City State Zip Code	<u>1/4</u> _____ <u>1/4</u> Sec <u>23</u> T <u>18N</u> R <u>7W</u>
Telephone No. () _____	Distance _____ Miles Direction _____ Nearest Town <u>Leland</u>

Pump Type	Power Type
Circle one	Circle one
Air Lift <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/>	<input checked="" type="checkbox"/> Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas
Bucket <input type="checkbox"/> Piston <input type="checkbox"/> <input checked="" type="checkbox"/> Turbine	Electric Motor <input type="checkbox"/> Hand <input checked="" type="checkbox"/> Tractor PTO
Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/>	Windmill _____ Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>60</u>
Date Pump Installed: <u>7-6-2011</u>	Setting Depth: <u>70</u> feet
Rated Pump Capacity: <u>2500±</u> Gallons Per Minute	Number of Stages: <u>1</u>

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

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 _____