

State Well Report

Part I - Driller's Log

Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P.O. Box 2309
 Jackson, MS 39225
 (601)981-5210
 (601)981-5228 (fax)

County: Bolivar
 Permit #: GW-46249
 Driller: Clarence McMurtry
 Date drilling completed: 5-26-12

For Office Use Only:
 Aquifer: _____
 Well #: L262
 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>Charles A Russell Family Farm</u> Mailing Address: <u>883 Pace Beulah Rd</u> <u>Beulah</u> MS <u>38726</u> City State Zip Code Telephone No. <u>(662) 627-7746</u>	Latitude: <u>N33° 45' 13.07"</u> Longitude: <u>W90° 51' 21.88"</u> <u>45 43.07</u> Method of Lat/Long (circle one): <u>Conventional Survey</u> USGS quad, Hand-held GPS, Survey-grade GPS <u>NW 1/4, NE 1/4 Sec 18</u> ✓ <u>Twn 22N</u> ✓ <u>Rng 06W</u> ✓ Distance <u>2.07</u> Miles Direction <u>S</u> of <u>FACE</u> <u>#1608</u>

Well / Borehole Data

Date drilling started: 5-26-12 Date drilling completed: 5-26-12 Hole depth: 130' Hole diameter: 26"

Location of the source of any surface water used for drilling: well 1/4 mile west
 Method of dosing and volume of Chlorine used in drilling and development: _____

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

Static Water Level: 41 feet above or below (circle one) land surface Date measured: 5-28-12
 Method of Measurement (circle one) steel tape electric tape air line other: _____

Well depth: 130' Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix
 Casing length: 80 feet Casing diameter: 16 inches Type of casing: PVC
 Screen length: 50 feet Screen diameter: 16 inches Type of screen: PVC
 Screen slot size: 0.50 inches Setting depth: From 80 feet to 130 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: N/A feet *If telescoped or more than one screen, describe on next page*

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 #: L262
 Elevation: _____

County Bolivar
 Permit #: GW-46249
 Driller: Michael Wells
 Date completed: 5-28-12
 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	Well Location
Owner Name: <u>Charles A Russell Family Farm</u>	Latitude: <u>N33° 45' 43.07"</u> Longitude: <u>W90° 51' 24.84"</u>
Mailing Address: <u>898 Pace Bench Rd</u>	Method of Locating (check one): Conventional Survey _____
<u>Bentley</u> MS <u>38726</u>	USGS quad _____ Hand-held GPS <input checked="" type="checkbox"/> Survey-grade GPS _____
City State Zip Code	<u>NW 1/4 NE 1/4 Sec 07 T 22N R 06W</u>
Telephone No. <u>662 827-7246</u>	Distance <u>2.07</u> Miles Direction <u>S</u> of Nearest Town <u>Pace</u>

Pump Type	Power Type
Circle one	Circle one
Air Lift <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/>	Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input type="checkbox"/>
Bucket <input type="checkbox"/> Piston <input type="checkbox"/> <u>Turbine</u>	Electric Motor <input type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/>
Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/>	Windmill <input type="checkbox"/> Other (specify): <u>Generator</u>
Other (specify): _____	Horse Power Rating of Motor: <u>60</u>
Date Pump Installed: <u>5-28-12</u>	Setting Depth: <u>80</u> feet
Rated Pump Capacity: _____ Gallons Per Minute	Number of Stages: <u>1</u>

Pump Test Data	Method of Measuring Water Level
Date Well Tested: <u>NO TEST R YET</u>	Circle one
Static Water Level (A): <u>41</u> Feet Below Land Surface	Air Line <input type="checkbox"/> <u>Electric Measuring Line</u> <input checked="" type="checkbox"/> Steel Tape <input type="checkbox"/>
Pumping Water Level (B): <u>N/A</u> Feet Below Land Surface	Other (specify): _____
Drawdown (B) - (A): <u>N/A</u> Feet Below Land Surface	For flowing well, measured shut in head: <u>N/A</u> feet
Test Pumping Rate: <u>N/A</u> Gallons Per Minute	Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping
Duration of Pump Test (minimum 4 hours): <u>N/A</u> 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.
Clayton Miller 0-78
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer