

Filed 3-27-09

State Well Report Part 1 - Driller's Log

Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 10631
Jackson, MS 39289-0631
(601)961-5210
(601)354-6938 (fax)

County: Washington
 Permit #: _____
 Driller: Charles M. Nichols
 Date drilling completed: 3-18-09

For Office Use Only:
 Aquifer: _____
 Well #: D-236
 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>CLINT JOHNSON</u>	Latitude: <u>33° 26' 55" N</u> Longitude: <u>091° 03' 31" W</u>
Mailing Address: <u>606 S. DEEP CREEK W.</u>	Method of Lat/Long (circle one): <u>Hand-held GPS</u> Conventional Survey
<u>Leland MS 39256</u>	USGS quad: <u>Hand-held GPS</u> Survey-grade GPS
City State Zip Code	<u>1/2</u> Sec <u>2</u> Twn <u>18 N</u> Rng <u>8 W</u>
Telephone No. () _____	Distance Direction Nearest Town <u>1/2</u> Miles <u>North</u> of <u>Greenville</u>
Well / Borehole Data	
Date drilling started: <u>3-17-09</u> Date drilling completed: <u>3-18-09</u> Hole depth: <u>500</u> Hole diameter: <u>7 7/8 x 5 5/8</u>	
Location of the source of any surface water used for drilling: <u>Lake Ferguson</u>	
Method of dosing and volume of Chlorine used in drilling and development: <u>HTH</u>	
Logs run (circle all applicable): <u>No log run</u> Electric Gamma Ray Density Sonic Neutron Other: _____	
Name of organization running log(s): _____	
Purpose of borehole (check one): Water Well <input checked="" type="checkbox"/> Geotechnical/Geological Investigation _____ Ground Source Heat Pump _____	
Seismic Survey _____ Other (describe) _____	
<i>If drilling is not related to water well construction, skip the remainder of this block</i>	
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 _____ Other (describe) _____	
Static Water Level: <u>67</u> feet above <input checked="" type="radio"/> Below (circle one) land surface Date measured: <u>3-19-09</u>	
Method of Measurement (circle one) <u>steel tape</u> electric tape air line other: _____	
Well depth: <u>495</u> Well grouted to a depth of <u>20</u> feet Type of grout (circle one): Neat Cement <u>Bentonite</u> Mix	
Casing length: <u>475</u> feet Casing diameter: <u>4 1/2</u> inches Type of casing: <u>pu</u>	
Screen length: <u>20</u> feet Screen diameter: <u>2</u> inches Type of screen: <u>pu</u>	
Screen slot size: <u>.008</u> inches Setting depth: From <u>475</u> feet to <u>495</u> feet	
Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole <u>Natural Development</u>	
Other (describe): _____	
Top of lap pipe or reduction in casing: <u>200</u> feet. <i>If telescoped or more than one screen, describe on next page</i>	

Form: OLWR-SWR-1A

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STATE WELL REPORT

Part 2

Pump Installer's Completion Report
Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 10631
Jackson, MS 39289-0631
(601)961-5210
(601)354-6938 (fax)

County: Washington
Permit #: _____
Driller: Charles M. Nichols
Date completed: 3-19-09
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
Well #: D-236
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>Clint Johnson</u>	Latitude: <u>33°26.558'N</u> Longitude: <u>091°03.316'W</u>
Mailing Address: <u>606 S. DEER CREEK WEST</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Leland MS 38756</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City State Zip Code	_____ 1/4 _____ 1/4 Sec _____ T _____ R _____
Telephone No. () _____	Distance Direction Nearest Town
	<u>1/2</u> Miles <u>North</u> of <u>Greenville</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="checkbox"/> <input checked="" type="checkbox"/> Submersible	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<input checked="" type="checkbox"/> Electric Motor Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1</u>
Date Pump Installed: <u>3-19-09</u>	Setting Depth: <u>140</u> feet
Rated Pump Capacity: <u>18</u> Gallons Per Minute	Number of Stages: <u>8</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: _____	Air Line <input type="checkbox"/> <input checked="" type="checkbox"/> Electric Measuring Line <input type="checkbox"/> Steel Tape
Static Water Level (A): <u>67</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): _____ Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: _____ Feet Below Land Surface	Well yielded _____ GPM with a drawdown of _____
Test Pumping Rate: _____ Gallons Per Minute	_____ feet after _____ hours of pumping
Duration of Pump Test (minimum 4 hours): _____ hours	

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

Charles M. Nichols 0-0667 Charles M. Nichols
Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Form: OLWR-SWR-1B

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