

County: Washington
 Permit #: 0642741
 Driller: Charles M. Nichols
 Date drilling completed: 6-14-08

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)

For Office Use Only:
 Aquifer: _____
 Well #: H-208
 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>ARLO NIGHTINGALE</u>	Latitude: <u>33° 20' 23.41"</u> Longitude: <u>090° 56' 04.97"</u>
Mailing Address: <u>2555 AVONDALE RD.</u>	Method of Lat/Long (circle one): <u>Hand-held GPS</u> Conventional Survey
<u>HOLLANDALE MS 38748</u>	USGS quad: <u>SW 1/4 NW 1/4 Sec 9 Twn 17N Rng 7W</u>
Telephone No. () _____	Distance: <u>5</u> Miles Direction: <u>SW</u> of Nearest Town: <u>Leland</u>
Well / Borehole Data	
Date drilling started: <u>6-14-08</u> Date drilling completed: <u>6-14-08</u> Hole depth: <u>83</u> Hole diameter: <u>26</u>	
Location of the source of any surface water used for drilling: <u>old well</u>	
Method of dosing and volume of Chlorine used in drilling and development: _____	
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 _____ Industrial _____ Public Supply _____ Irrigation <input checked="" type="checkbox"/> Fish Culture _____ Other: _____	
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____	
Static Water Level: <u>14</u> feet above or <u>below</u> (circle one) land surface Date measured: <u>6-14-08</u>	
Method of Measurement (circle one) <u>steel tape</u> electric tape air line other: _____	
Well depth: <u>83</u> Well grouted to a depth of <u>10</u> feet Type of grout (circle one): Neat <u>Cement</u> Bentonite <u>Mix</u>	
Casing length: <u>43</u> feet Casing diameter: <u>16</u> inches Type of casing: <u>PVC</u>	
Screen length: <u>40</u> feet Screen diameter: <u>16</u> inches Type of screen: <u>PVC</u>	
Screen slot size: <u>.035</u> inches Setting depth: From <u>43</u> feet to <u>83</u> feet	
Type of completion (circle all applicable): <u>Gravel packed</u> Underreamed Telescoped Open hole Natural Development	
Other (describe): _____	
Top of lap pipe or reduction in casing: _____ feet. <i>If telescoped or more than one screen, describe on next page</i>	

Replacement Well.

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 #: 611457411
 Driller: Charles M. Nichols
 Date completed: 6-16-08
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: H-208
 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>ARLO NIGHTINGALE</u>	Latitude: <u>33°20.234N</u> Longitude: <u>090°56.049W</u>
Mailing Address: <u>2555 Aven DARLOVE</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Hollandale Ms 38748</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>5</u> Miles <u>SW</u> of <u>Leland</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet Submersible	<u>Diesel Engine</u> Gasoline Engine Natural Gas
Bucket Piston <u>Turbine</u>	Electric Motor Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): <u>Customer's pump from old well</u>	Horse Power Rating of Motor: <u>60</u>
Date Pump Installed: <u>6-16-08</u>	Setting Depth: <u>60</u> feet
Rated Pump Capacity: _____ Gallons Per Minute	Number of Stages: _____

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: _____	Air Line Electric Measuring Line <u>Steel Tape</u>
Static Water Level (A): <u>14</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 _____ feet after _____ hours of pumping
Test Pumping Rate: _____ Gallons Per Minute	
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

RECEIVED
 Form: OLWR-SWR-1B

JUL 23 2008
 BY: OLWR