

State Well Report

Part I - 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: Warren
 Permit #: _____
 Driller: Charles M. Nichols
 Date drilling completed: 3-25-10

For Office Use Only:
 Aquifer: N 419
 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>Jay Norwood</u>	Latitude: <u>32° 13.390' N</u> Longitude: <u>090° 48' 105" W</u>
Mailing Address: <u>2400 Fonyshania Rd</u> <u>Vicksburg MS</u> <u>39183</u>	Method of Lat/Long (circle one): Conventional Survey.
City: _____ State: _____ Zip Code: _____	USGS quad: <u>(Hand-held GPS)</u> Survey-grade GPS
Telephone No. () _____	<u>SU 1/4 SW 1/4 Sec 34 Twa 15 N Rng 04 E</u>
	Distance: <u>9</u> Miles Direction: <u>SE</u> of Nearest Town: <u>Vicksburg</u>

Well / Borehole Data

Date drilling started: 3-18-10 Date drilling completed: 3-19-10 Hole depth: 180 Hole diameter: 7 7/8

Location of the source of any surface water used for drilling: Lake
 Method of dosing and volume of Chlorine used in drilling and development: ATH

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: 74 feet above or below (circle one) land surface Date measured: _____

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

Well depth: 176 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 155 feet Casing diameter: 4 inches Type of casing: pvc

Screen length: 21 feet Screen diameter: 4 inches Type of screen: pvc

Screen slot size: .008 inches Setting depth: From 155 feet to 176 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*

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: Warren
 Permit #: _____
 Driller: Charles M. Nichols
 Date completed: 3-25-10
Copy information from block on Part 1

For Office Use Only:
 Aquifer: N 49
 Well #: _____
 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>Jay Norwood</u>	Latitude: <u>32° 13.380' N</u> Longitude: <u>090° 48.105' W</u>
Mailing Address: <u>2400 Pennsylvania Rd</u> <u>Vicksburg Ms.</u> <u>39183</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____ Hand-held GPS <input checked="" type="checkbox"/> Survey-grade GPS _____ _____ 1/4 _____ 1/4 Sec _____ T _____ R _____
City _____ State _____ Zip Code _____	Distance _____ Direction _____ Nearest Town _____
Telephone No. (____) _____	<u>9</u> Miles <u>SE</u> of <u>Vicksburg</u>

Pump Type Circle one	Power Type Circle one
Air Lift _____ Jet _____ <u>Submersible</u>	Diesel Engine _____ Gasoline Engine _____ Natural Gas _____
Bucket _____ Piston _____ Turbine _____	<u>Electric Motor</u> _____ Hand _____ Tractor PTO _____
Centrifugal _____ Rotary _____ Flowing Well _____	Windmill _____ Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1 Hp.</u>
Date Pump Installed: <u>3-24-10</u>	Setting Depth: <u>160</u> feet
Rated Pump Capacity: <u>10</u> Gallons Per Minute	Number of Stages: _____

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: _____	Air Line _____ <u>Electric Measuring Line</u> _____ Steel Tape _____
Static Water Level (A): <u>74</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 <u>10</u> 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
 Form: OLWR-SWR-1B