

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: 2-30-12

For Office Use Only:
 Aquifer: _____
 Well #: A245
 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.

<p>Information on Well Owner (Landowner if borehole is not for a water well)</p> <p>Owner Name: <u>Hwy 1 North Water Assoc.</u> Mailing Address: <u>122 Walter St.</u> <u>Greenville Ms. 38703</u> City State Zip Code Telephone No. () _____</p>	<p>Well or Borehole Location</p> <p>Latitude: <u>33° 28.640 N</u> Longitude: <u>91° 03.640 W</u> Method of Lat/Long (circle one): <u>38</u> Conventional Survey, <u>38</u> USGS quad, Hand-held GPS, Survey-grade GPS <u>NE ¼ SE ¼ Sec 19 Twn 19N Rng 8W</u> Distance Direction Nearest Town <u>2 Miles South of Winterville</u></p>
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Well / Borehole Data

Date drilling started: 2-28-12 Date drilling completed: 3-2-12 Hole depth: 480 ft Hole diameter: 7 7/8 x 5 5/8

Location of the source of any surface water used for drilling: Metcalf City well
 Method of dosing and volume of Chlorine used in drilling and development: HTH

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: 62 feet above or below (circle one) land surface Date measured: 2-30-12

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

Well depth: 473 Well grouted to a depth of 20 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 443 feet Casing diameter: 4K3 inches Type of casing: pvc

Screen length: 30 feet Screen diameter: 3in inches Type of screen: pvc

Screen slot size: .008 inches Setting depth: From 443 feet to 473 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: 220 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: Washington
 Permit #: _____
 Driller: Charles M. Nichols
 Date completed: 2-30-12
Copy information from block on Part 1

For Office Use Only:
 Aquifer: _____
 Well #: A245
 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>Newly 1 North Water Assoc.</u>	Latitude: <u>33°28.640N</u> Longitude: <u>91°03.643W</u>
Mailing Address: <u>122 Walter st.</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Greenville Ms. 38703</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>2 Miles South of Winterville</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>3 Hp.</u>
Date Pump Installed: <u>2-30-12</u>	Setting Depth: <u>126 x dia</u> feet
Rated Pump Capacity: <u>45</u> Gallons Per Minute	Number of Stages: <u>11</u>

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>65</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
 Print Name of Pump Installer and License No. (if applicable)

Charles M. Nichols
 Signature of Pump Installer