

### 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: 3-10-11

For Office Use Only:  
 Aquifer: D246  
 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.

<p>Information on Well Owner (Landowner if borehole is not for a water well)</p> <p>Owner Name: <u>Wilkinson's Diesel Service</u>          Mailing Address: <u>P.O. Box 4796</u>  <u>Greenville Ms. 38704</u>          City State Zip Code          Telephone No. ( ) _____</p>	<p>Well or Borehole Location</p> <p>Latitude: <u>33° 24.0<sup>04</sup> 22' N</u> Longitude: <u>090° 59.2<sup>13</sup> 40' W</u>          Method of Lat/Long (circle one): Conventional Survey          USGS quad, <u>Hand-held GPS</u>, Survey-grade GPS  <u>4</u> 1/2 Sec <u>15</u> Twp <u>18</u> N Rng <u>8</u> W          Distance Direction Nearest Town  <u>1</u> Miles <u>East</u> of <u>Greenville</u></p>
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Well / Borehole Data

Date drilling started: 3-9-11 Date drilling completed: 3-10-11 Hole depth: 460 Hole diameter: 5 5/8 x 7 7/8

Location of the source of any surface water used for drilling: Black Bayou Water Assoc.  
 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: shop

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

Static Water Level: 57 feet above or below (circle one) land surface Date measured: 3-10-11

Method of Measurement (circle one): wire tape electric tape air line other: \_\_\_\_\_

Well depth: 460 Well grouted to a depth of 20 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 430 feet Casing diameter: 4x3 inches Type of casing: pvc

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

Screen slot size: 1008 inches Setting depth: From 430 feet to 460 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: 200 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: 3-12-11  
*Copy information from block on Part 1*

For Office Use Only:  
 Aquifer: \_\_\_\_\_  
 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>Wilkerson's Diesel Services</u>	Latitude: <u>33° 24.082N</u> Longitude: <u>090° 59.224W</u>
Mailing Address: <u>P.O. Box 4796</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Greenville Ms. 38704</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 Miles East of Greenville</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input checked="" type="radio"/> Submersible	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<input checked="" type="radio"/> Electric Motor Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>3 Hp. 3 phase</u>
Date Pump Installed: <u>3-12-11</u>	Setting Depth: <u>120 - 2in</u> feet
Rated Pump Capacity: <u>45</u> Gallons Per Minute	Number of Stages: <u>13</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: _____	Air Line Electric Measuring Line <input checked="" type="radio"/> Steel Tape
Static Water Level (A): <u>57</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  
 Print Name of Pump Installer and License No. (if applicable)

Charles M. Nichols  
 Signature of Pump Installer