

State Well Report

Part 1 - Driller's Log

Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 2309
Jackson, MS 39225
(601) 961-5210
(601) 961-5228 (fax)

For Office Use Only:

County: washington
Permit #: GW 46250
Driller: matt Nichols
Date drilling completed: 9/27/2012

Aquifer: _____
Well #: 5198
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>Middletton Planting Co.</u>	Latitude: <u>33 ° 02 ' 58 "</u> Longitude: <u>90 ° 58 ' 84 "</u>
Mailing Address: <u>P.O. Box 420</u>	Method of Lat/Long (check one): <input type="checkbox"/> Conventional Survey, <input checked="" type="checkbox"/> Hand-held GPS, <input type="checkbox"/> Survey-grade GPS
<u>Glenn Allen Ms. 38744</u> City State Zip code	<u>SW 1/4 SE 1/4</u> Sec <u>29</u> Twn <u>14N</u> Rng <u>8W</u>
Telephone No. () - _____	Distance Direction Nearest Town <u>4</u> Miles <u>east</u> of <u>glenn allen</u>

Well / Borehole Data

Date drilling started: 9/27/2012 Date drilling completed: 9/27/2012 Hole depth: 120 Hole diameter: 24

Location of the source of any surface water used for drilling: from another irrigation well

Method of dosing and volume of Chlorine used in drilling and development: 1 in tablets

Logs run (check 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 flowing, method of flow regulation: Valve _____ Other (describe) _____

Static Water Level: 20 feet above or below (check one) land surface Date measured: 9/27/2012

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

Well depth: 120 Well grouted to a depth of 10 feet Type of grout (check one): Neat Cement Bentonite Mix

Casing length: 80 feet Casing diameter: 16 inches Type of casing: sch. 40 pvc

Screen length: 40 feet Screen diameter: 16 inches Type of screen: sch. 40 pvc

Screen slot size: .030 inches Setting depth: From 80 feet to 120 feet

Type of completion (check all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development
 Other (describe): _____

Top of lap pipe or reduction in casing: no feet. **If telescoped or more than one screen, describe on next page**

Form: OLWR-SWR-1A (04/08)

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Ground level

Description of Formations Encountered	From (depth)	To (depth)
clay	Ground level	25 ft
fine sand	25 ft	30 ft
med to course sand	30 ft	40 ft
fine to med sand	40 ft	50 ft
med sand	50 ft	80 ft
course sand & small p-gravel	80 ft	105ft
med to course sand	105 ft	110 ft
course sand & gravel	110 ft	120 ft

If more than one screen, show location of each on sketch

Sketch the property layout and include the following: 1) the well location; 2) any permanent structures on the property that may aid in locating the well; 3) any roads, power lines, or other items that may aid in locating the property and the well; 4) a north arrow.

Landowner Name: ken middelton

Form: OLWR-SWR-1A (04/08)

I certify that the well/borehole was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and the Mississippi Department of Health regulations, if applicable, and state laws.

Charles M. Nichols 0667 10-2-12 Charles M. Nichols
 Print Name of Responsible Licensee and License No. Date Signature of Licensee

STATE WELL REPORT

Part 2

Pump Installer's Completion Report

Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 2309
Jackson, MS 39225
(601) 961-5210
(601) 961-5228 (fax)

For Office Use Only:

Aquifer: _____
Well #: 5198
Elevation: _____

County: washington
Permit #: GW 46250
Driller: Matt nichols
Date drilling completed: 9/27/2012
Copy information from block on Part 1

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>Middleton Planting Co.</u>	Latitude: <u>33°02'58</u> Longitude: <u>90°58'84</u>
Mailing Address: <u>P.O. Box 420</u>	Method of Lat/Long (check one): <input type="checkbox"/> Conventional Survey,
<u>Glen Allen MS. 38744</u>	<input type="checkbox"/> USGS quad, <input checked="" type="checkbox"/> Hand-held GPS, <input type="checkbox"/> Survey-grade GPS
City State Zip code	<u>SW 1/4 SW 1/4 Sec 29 T 14N R 8W</u>
Telephone No. () - _____	Distance Direction Nearest Town
	<u>4</u> Miles <u>East</u> of <u>Glen Allen</u>

Pump Type Check one	Power Type Check one
<input type="checkbox"/> Air Lift <input type="checkbox"/> Jet <input type="checkbox"/> Submersible	<input type="checkbox"/> Diesel Engine <input type="checkbox"/> Gasoline Engine <input checked="" type="checkbox"/> Natural Gas
<input type="checkbox"/> Bucket <input type="checkbox"/> Piston <input checked="" type="checkbox"/> Turbine	<input type="checkbox"/> Electric Motor <input type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO
<input type="checkbox"/> Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well	<input type="checkbox"/> Windmill <input type="checkbox"/> Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>75</u>
Date Pump Installed: <u>10/2/2012</u>	Setting Depth: <u>70</u> feet
Rated Pump Capacity <u>2500</u> Gallons Per Minute	Number of Stages: <u>2</u>

Pump Test Data	Method of Measuring Water Level Check one
Date Well Tested: _____	<input type="checkbox"/> Air Line <input type="checkbox"/> Electric Measuring Line <input checked="" type="checkbox"/> Steel Tape
Static Water Level (A): <u>20</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	

This is for (check one): New Well Replacement of Existing Pump Repair of Existing Pump

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

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

Form: OLWR-SWR-1C (07-09)