

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: 9-13-11

For Office Use Only:
 Aquifer: A 237
 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>Eric Schuster</u> | Latitude: <u>33° 28' 29.21" N</u> Longitude: <u>91° 03' 30.40" W</u> |
| Mailing Address: <u>2232 Hwy 1 North</u> | Method of Lat/Long (circle one): <u>Google Earth</u> Conventional Survey |
| <u>Greenville MS 38703</u> | USGS quad, Hand-held GPS, Survey-grade GPS |
| City State Zip Code | <u>58 SE 1/4 Sec 19 - Twn 19N Rng 8W</u> |
| Telephone No. () _____ | Distance Direction Nearest Town <u>1</u> Miles <u>North</u> of <u>Greenville</u> |

Well / Borehole Data

Date drilling started: 9-13-11 Date drilling completed: 9-14-11 Hole depth: 500 Hole diameter: 2 7/8 x 5 5/8

Location of the source of any surface water used for drilling: old 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: 63 feet above or below (circle one) land surface Date measured: 9-14-11

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

Well depth: 500 Well grouted to a depth of 20 feet Type of grout (circle one): Neat Cement Bentonite Mix
470

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

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

Screen slot size: .008 inches Setting depth: From 470 feet to 500 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: 9-14-11
Copy information from block on Part 1

For Office Use Only:
 Aquifer: _____
 Well #: A237
 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>Eric Schuster</u> | Latitude: <u>33° 28' 29.21" N</u> Longitude: <u>91° 03' 30.90" W</u> |
| Mailing Address: <u>2232 Hwy 1 North</u> | Method of Lat/Long (check one): Conventional Survey _____ <u>Google Earth</u> |
| <u>Greenville Ms. 38701</u> | USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____ |
| City State Zip Code | _____ 1/4 Sec _____ T _____ R _____ |
| Telephone No. () _____ | Distance Direction Nearest Town <u>1 Miles North Greenville</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): <u>Customers Pump</u> | Horse Power Rating of Motor: <u>3 hp.</u> |
| Date Pump Installed: <u>9-14-11</u> | Setting Depth: <u>120</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 Electric Measuring Line <u>Steel Tape</u> |
| Static Water Level (A): <u>63</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