

### 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: Issaquena  
 Permit #: GW-44111  
 Driller: Charles M. Nichols  
 Date drilling completed: 4/14/10

For Office Use Only:  
 Aquifer: \_\_\_\_\_  
 Well #: A 136  
 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 <i>(Landowner if borehole is not for a water well)</i>	Well or Borehole Location
Owner Name: <u>Kenneth Hendrix Farms</u>	Latitude: <u>32° 56' 47.35" N</u> Longitude: <u>90° 56' 54.07" W</u>
Mailing Address: <u>2928 Hwy. 434</u>	Method of Lat/Long (circle one): <u>Hand-held GPS</u> Conventional Survey, _____
<u>Rolling Fork MS 39159</u>	USGS quad: <u>Hand-held GPS</u> Survey-grade GPS _____
City: _____ State: _____ Zip Code: _____	<u>N1/4 NW 1/4 Sec 29 Twn 13N Rng 07W</u>
Telephone No.: <u>(662) 967-8300</u>	Distance _____ Miles Direction _____ of Nearest Town _____

**Well / Borehole Data**

Date drilling started: 4/14/10 Date drilling completed: 4/14/10 Hole depth: 119 Hole diameter: 26

Location of the source of any surface water used for drilling: \_\_\_\_\_  
 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: \_\_\_\_\_

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

Static Water Level: 11 feet above or below (circle one) land surface Date measured: \_\_\_\_\_

Method of Measurement (circle one) steel tape electric tape air line other: Water level indicator

Well depth: 119 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 79 feet Casing diameter: 16 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 16 inches Type of screen: PVC

Screen slot size: .035 inches Setting depth: From 79' feet to 119' 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*

JUL 07 2010



# 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: Osage  
 Permit #: GW-74111  
 Driller: Charles M. Nichols  
 Date completed: 4/21/10  
*Copy information from block on Part 1*

For Office Use Only:

Aquifer: \_\_\_\_\_  
 Well #: A136  
 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>Kenneth Hendrix Farms</u>	Latitude: <u>32° 56' 47.35" N</u> Longitude: <u>90° 56' 54.04" W</u>
Mailing Address: <u>2928 Hwy. 434</u>	Method of Lat/Long (check one): Conventional Survey <input type="checkbox"/> USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS <input type="checkbox"/>
<u>Rolling Fork MS 39154</u> City State Zip Code	<u>N1W 1/4 NW 1/4 Sec 29 T13N R 07W</u>
Telephone No. <u>662 907-8300</u>	Distance _____ Miles Direction _____ Nearest Town _____

Pump Type Circle one	Power Type Circle one
Air Lift <input type="checkbox"/> Jet <input type="checkbox"/> <b>Submersible</b> <input checked="" type="checkbox"/>	Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input type="checkbox"/>
Bucket <input type="checkbox"/> Piston <input type="checkbox"/> Turbine <input type="checkbox"/>	<b>Electric Motor</b> <input checked="" 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>40</u>
Date Pump Installed: _____	Setting Depth: <u>100</u> feet
Rated Pump Capacity: <u>1700</u> Gallons Per Minute	Number of Stages: <u>3</u>

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

Print Name of Pump Installer and License No. (if applicable) \_\_\_\_\_ Signature of Pump Installer \_\_\_\_\_

Form: OLWR-SWR-1B