

# 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)

County: Tunica  
Permit #: GW-45459  
Driller: Delta Drilling of Tunica  
Date drilling completed: 9-30-11

For Office Use Only:  
Aquifer: E53  
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>Patrick Johnson</u>	Latitude: <u>N34° 45' 48"</u> Longitude: <u>90° 15' 58"</u>
Mailing Address: <u>Cypress Brake Farms</u> <u>PO Box 1052</u>	Method of Lat/Long (circle one): <u>Hand-held GPS</u> Conventional Survey
<u>Tunica, Ms. 38676</u>	USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS
City State Zip Code	<u>SW</u> 1/4 <u>SE</u> 1/4 Sec <u>4</u> ✓ Twn <u>4S</u> ✓ Rng <u>10W</u>
Telephone No. ( ) _____	SE Distance Direction Nearest Town <u>6</u> Miles <u>NE</u> of <u>Tunica, Ms.</u>

**Well / Borehole Data**

Date drilling started: 9-27-11 Date drilling completed: 9-30-11 Hole depth: 105' Hole diameter: 24"

Location of the source of any surface water used for drilling: groundwater well 1/2 mile North  
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: 23 feet above or below (circle one) land surface Date measured: 10-1-11

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

Well depth: 105' Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 65 feet Casing diameter: 16 inches Type of casing: PVC

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

Screen slot size: .032 inches Setting depth: From 65 feet to 105 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***

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

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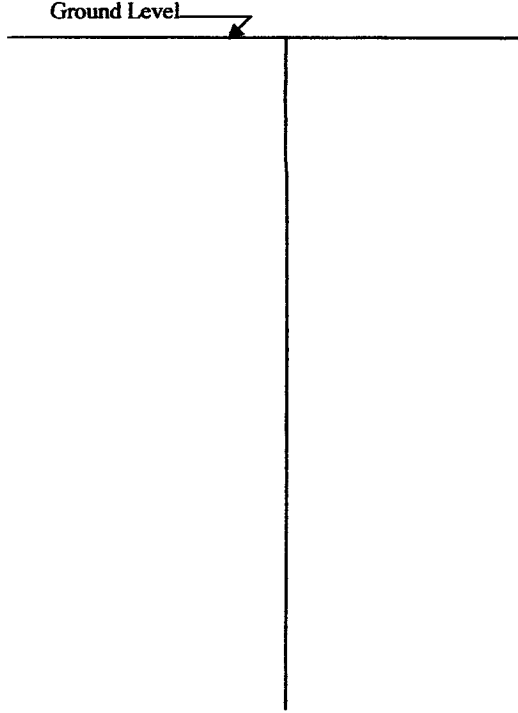
DEC 01 2011

BY: OLWR

The sketch below only required for water wells

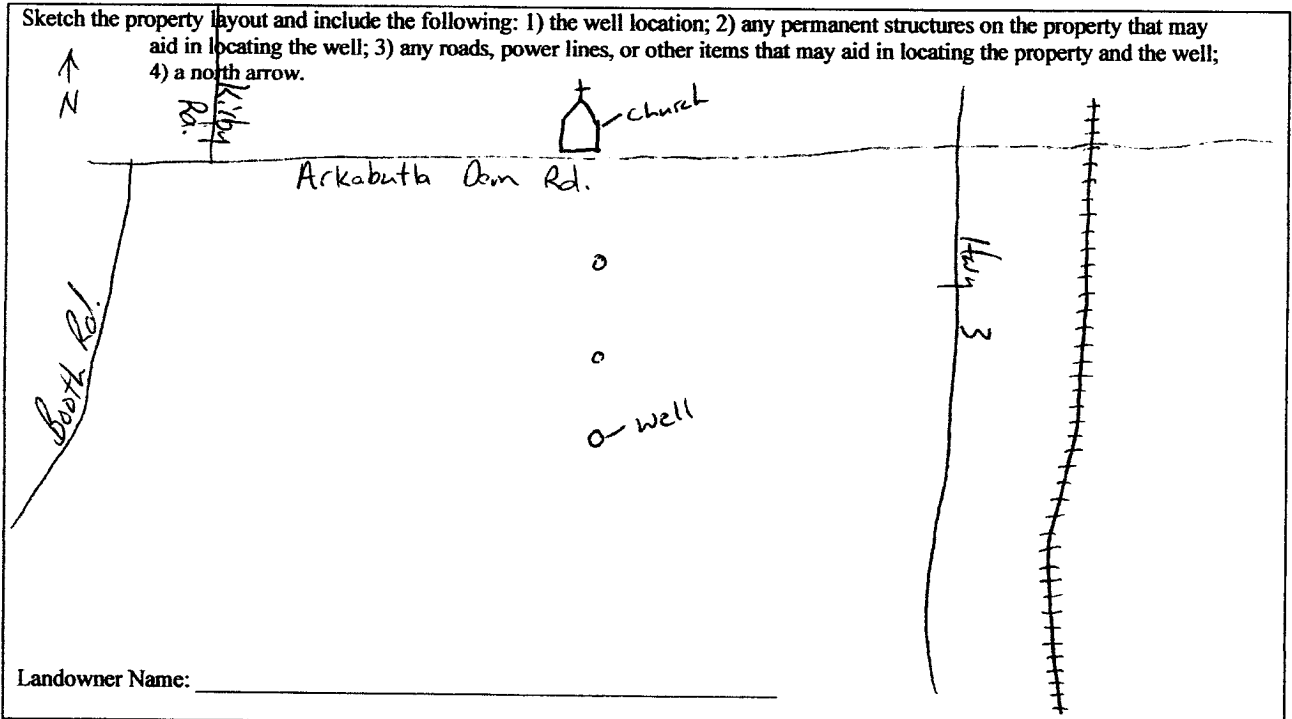
Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

If well telescopes, show depths on sketch.



Description of Formations Encountered	From (depth)	To (depth)
Clay	Ground Level	38
Clay / fine sand	39	45
Coarse sand & gravel	46	105

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



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.

Chris Shockley # 2561      10-16-11  
 Print Name of Responsible Licensee and License No.      Date

*(Signature)* **RECEIVED**  
 Signature of Licensee  
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 2011  
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# 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)

County: Tunica  
 Permit #: GW-45459  
 Driller: Delta Drilling of Tunica  
 Date completed: 10-1-11  
*Copy information from block on Part 1*

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: E53  
 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>Patrick Johnson</u>	Latitude: <u>N 34° 45.461'</u> Longitude: <u>W 90° 15.568'</u>
Mailing Address: <u>Cypress Brake Forms</u> <u>PO Box 1052</u> <u>Tunica Ms. 38676</u> City State Zip Code	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____ <u>SW 1/4 SE 1/4 Sec 4 T 4S R 10W</u> SE Direction Nearest Town <u>9W</u> <u>6</u> Miles <u>NE</u> of <u>Tunica, Ms. 38676</u>
Telephone No. ( ) _____	

Pump Type Circle one	Power Type Circle one
Air Lift                      Jet                      Submersible	<u>Diesel Engine</u> Gasoline Engine                      Natural Gas
Bucket                      Piston <u>Turbine</u>	Electric Motor                      Hand                      Tractor PTO
Centrifugal                      Rotary                      Flowing Well	Windmill                      Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: _____
Date Pump Installed: <u>10-1-11</u>	Setting Depth: <u>60</u> feet
Rated Pump Capacity: <u><del>500</del> 2500</u> Gallons Per Minute	Number of Stages: <u>2</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): _____ 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.

Chris Shackley # 2561  
 Print Name of Pump Installer and License No. (if applicable)

[Signature]  
 Signature of Pump Installer

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

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**BY: OLWR**