

STATE WELL REPORT

Part I

Driller's Log

Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P.O. Box 2309
 Jackson, MS 39225-2309
 (601)961-5210
 (601)360-0535 (fax)

For Office Use Only:

Well #: E 212
 Aquifer: _____
 E-Log #: _____

County: Bolivar
 Permit #: GW-48417
 Driller: Clarence M. Murray
 Date drilling completed: 9-18-14

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.

Well Owner Information (Well #1) (Landowner if borehole is not for a water well) Owner Name: <u>Westmoreland Family Trust</u> Mailing Address: <u>54 Flicker St</u> <u>Memphis</u> <u>TN</u> <u>38104</u> City State Zip Code Telephone No. (422) <u>622-7246</u>		Well or Borehole Location Latitude: <u>33° 56' 55"</u> Longitude: <u>90° 39' 43"</u> Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____ Hand-held GPS <u>X</u> Survey-grade GPS _____ <u>NE 1/4 NE 1/4, Sec 12 T 24N R 05W</u> <u>6.07</u> Miles <u>East</u> of <u>Shelby</u> (Distance) (Direction) (Nearest Town)	
--	--	---	--

Well / Borehole Data

Date drilling started: 9-18-14 Date drilling completed: 9-18-14 Hole depth: 125' Hole diameter: 20"

Location of the source of any surface water used for drilling: Ditch 1/4 mile away

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 (circle 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 (circle all applicable): Home Industrial Public Supply Irrigation Fish Culture

Other (describe): _____

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

Static Water Level: 46 feet (above or below) land surface Date measured: 9-24-14
 (circle one)

Method of measurement (circle one): Steel tape ~~Electric tape~~ Air line Other (describe): _____

Well depth: 100' Well grouted to a depth of: 10 feet Type of grout (circle one): ~~Neat Cement~~ Bentonite Mix

Casing length: 60 feet Casing diameter: 16 inches Type of casing: PVC

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

Screen slot size: .050 inches Setting depth: From 60 feet to 100 feet

Type of completion (circle all applicable): ~~Gravel packed~~ Underreamed Open hole Natural Development

Other (describe): _____

Top of lap pipe or reduction in casing: N/A feet

If telescoped or more than one screen, describe on next page

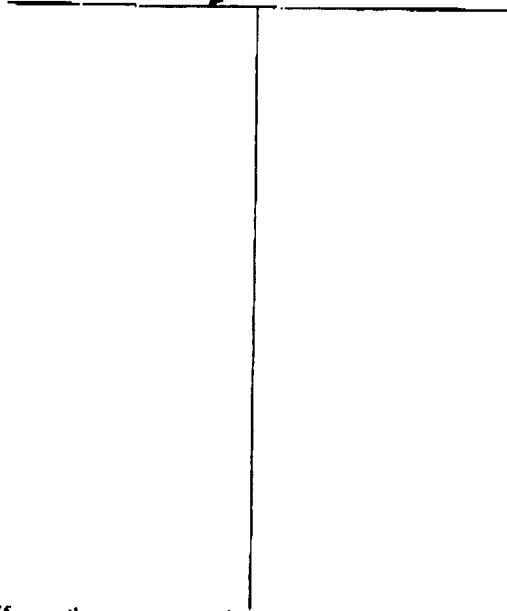
County: Bolivar
 Permk #: GW-48417

For Office Use Only:
 Well #: E 212

The sketch below only required for water wells

If well telescopes, show depths on sketch.

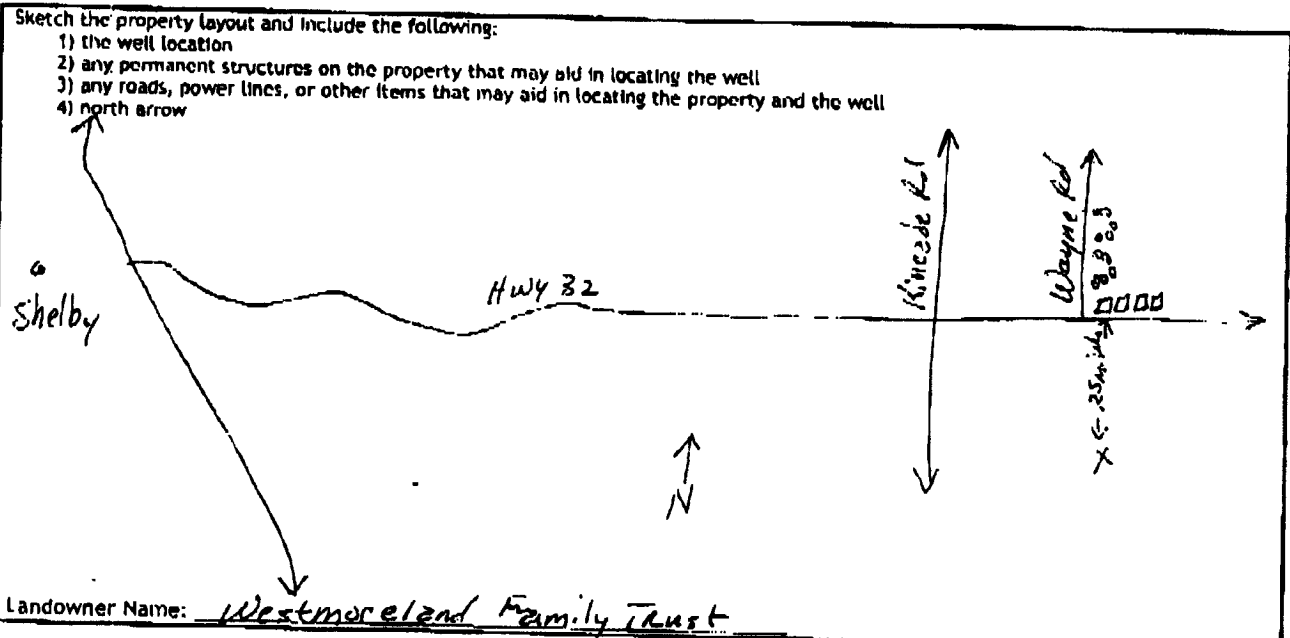
Ground Level \rightarrow



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

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

Description of Formations Encountered	From (depth)	To (depth)
Clay	Ground level	22
Medium / Coarse Sand & Pea Gravel	22	64
Medium Sand & Pea Gravel	64	76
Medium / Coarse Sand & Pea Gravel	76	87
Coarse Sand & Pea Gravel	87	101
Clay	101	125



I HEREBY 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.

Clayton Miller 0-703 9-27-14 Clayton Miller
 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 39225-2309
 (601)961-5210
 (601) 360-0535 (fax)

For Office Use Only:

Well #: E 212

Aquifer: _____

County: Bolivar
 Permit #: GW 48417
 Driller: Clarence McMurry
 Date completed: 9-24-14
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>Westmoreland Family Trust</u>			Latitude: <u>33° 56' 55"</u> Longitude: <u>90° 39' 43"</u>		
Mailing Address: <u>54 Flicker Street</u>			Method of Lat/Long (check one): Conventional Survey _____		
City: <u>Memphis</u> State: <u>TN</u> Zip Code: <u>38104</u>			USGS quad _____ Hand-held GPS <input checked="" type="checkbox"/> Survey-grade GPS _____		
Telephone No. (662) <u>627-7246</u>			<u>NE 1/4 NE 1/4, Sec 12 T 24N R 05W</u>		
			<u>6.07</u> Miles <u>EAST</u> of <u>Shelby</u> (Distance) (Direction) (Nearest Town)		

Pump Type (circle one)

Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____

Date Pump Installed: 9-24-14 Rated Pump Capacity: _____ Gallons Per Minute

Is This Pump (circle one): New Repaired Replacement

Power Type (circle one)

Electric Diesel Gasoline Natural Gas Tractor PTO Windmill Other (describe): _____

Horse Power Rating of Motor: 50 Setting Depth: 60 feet Number of Stages: 1

Pump Test Data for Non Flowing Well

Date Well Tested: NOT TESTED Duration of Pump Test (minimum 4 hours): N/A hours

Static Water Level (A): 46 Feet Below Land Surface Pumping Water Level (B): N/A Feet Below Land Surface

Drawdown [(B) - (A)]: N/A Feet Below Land Surface Test Pumping Rate: N/A Gallons Per Minute

Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): _____

Pump Test Data for Flowing Well

Measured shut in head: _____ feet.

Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping

Meter Installation

Meter Manufacturer: _____ Meter Serial Number: _____

Meter Model Number/Name: _____ Type of Meter: _____

Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): _____

Installation Date: _____ Meter Installed by: _____

Is This Meter (circle one): New Repaired Replacement

Important: By submitting the above information you are certifying that this meter was installed to manufacturer standards. For agricultural wells, a list of approved meters is on the MDEQ website.

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

Clayton Miller 0-703 9-27-14 Clayton Miller
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer