

### 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 #: AS6  
 Aquifer: \_\_\_\_\_  
 E-Log #: \_\_\_\_\_

County: Sunflower  
 Permit #: GW-48226  
 Driller: Clerence McMurry  
 Date drilling completed: 6-12-14

*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.*

|  |       |   |  |
|--|-------|---|--|
| <b>Well Owner Information</b> <u>2015</u><br>(Landowner if borehole is not for a water well) |       | <b>Well or Borehole Location</b>  |  |
| Owner Name: <u>Westmoreland Family, LLC</u>  |       | Latitude: <u>33° 56' 38.0"</u> Longitude: <u>90° 39' 11.03"</u>   |  |
| Mailing Address: <u>54 Flicker St</u>  |       | Method of Lat/Long (check one): Conventional Survey <input type="checkbox"/> AC <input checked="" type="checkbox"/> |  |
| <u>Memphis</u> TN <u>38104</u>   |       | USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____                         |  |
| City   | State | Zip Code  | <u>18W SE 1/4 SW 1/4, Sec 18 T 24N R 04W</u> |
| Telephone No. <u>(662) 902-3391</u>  |       | <u>6</u> Miles <u>East</u> of <u>Shelby</u><br>(Distance) (Direction) (Nearest Town)                                |  |

**Well / Borehole Data**

Date drilling started: 6-12-14 Date drilling completed: 6-12-14 Hole depth: 132' Hole diameter: 26"

Location of the source of any surface water used for drilling: Hauled water from nearby well

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: 42 feet (above or ~~below~~ land surface) Date measured: 6-18-14  
 (circle one)

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

Well depth: 129' Well grouted to a depth of: 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 94 feet Casing diameter: 16 inches Type of casing: PVC

Screen length: 35 feet Screen diameter: 16 inches Type of screen: PVC

Screen slot size: .050 inches Setting depth: From 94 feet to 129 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*



### 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 #: A&C  
 Aquifer: \_\_\_\_\_

County: Sunflow  
 Permit #: SW-48226  
 Driller: Michael Wells  
 Date completed: 6-18-14  
 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 LLC</u>                   |  |  | Latitude: <u>33° 56' 39.80"</u> Longitude: <u>90° 39' 11.03"</u> |  |  |
| Mailing Address: <u>54 Flicker St</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 <u>2</u> , Survey-grade GPS _____ |  |  |
| Telephone No. ( ) _____                                      |  |  | <u>SE</u> 1/4 SW 1/4, Sec <u>18</u> T <u>21N</u> R <u>01W</u>    |  |  |
|  |  |  | <u>6</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: 6-18-14 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): Gear Drive

Horse Power Rating of Motor: 60 Setting Depth: 80 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): 42 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

**Motor 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 7-10-14 Clayton Miller  
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer