

# 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 39225-2309  
(601)961-5210  
(601)360-0535 (fax)

### For Office Use Only:

Well #: E 245  
Aquifer: \_\_\_\_\_  
E-Log #: \_\_\_\_\_

County: Humphreys  
Permit #: LW-47351  
Driller: Tommy Peacock  
Date drilling completed: 8/7/13

*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<br>(Landowner if borehole is not for a water well) | Well or Borehole Location   |
|---|---|
| Owner Name: <u>Robert Hairston</u>  | Latitude: <u>33-06-22</u> Longitude: <u>90-37-31</u>  |
| Mailing Address: <u>P.O. Box 90</u>                                       | Method of Lat/Long (check one): Conventional Survey _____                                   |
| <u>Silver City</u> MS <u>39166</u>  | USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____ |
| City State Zip Code   | <u>NE 1/4 NE 1/4, Sec 32 T 15N R 04W</u>  |
| Telephone No. <u>(662) 247-3775</u>                                       | <u>8</u> Miles <u>SW</u> of <u>Belzoni</u>  |
|   | (Distance) (Direction) (Nearest Town)   |

| Well / Borehole Data  |
|---|
| Date drilling started: <u>8/7/13</u> Date drilling completed: <u>8/7/13</u> Hole depth: <u>125</u> Hole diameter: <u>22"</u>  |
| Location of the source of any surface water used for drilling: <u>Ditch 2 miles south of well site</u>  |
| Method of dosing and volume of Chlorine used in drilling and development: <u>Chlorinated in tank</u>  |
| Logs run (circle all applicable): <input checked="" type="checkbox"/> No log run <input type="checkbox"/> Electric <input type="checkbox"/> Gamma Ray <input type="checkbox"/> Density <input type="checkbox"/> Sonic <input type="checkbox"/> Neutron Other: _____ |
| Name of organization running log(s): _____  |
| Purpose of borehole (circle one): <input checked="" type="checkbox"/> Water Well <input type="checkbox"/> Geotechnical/Geological Investigation <input type="checkbox"/> Ground Source Heat Pump  |
| <input type="checkbox"/> Seismic Survey <input type="checkbox"/> Other (describe) _____   |
| <i>If drilling is not related to water well construction, skip the remainder of this block</i>  |
| Purpose of Well (circle all applicable): Home <input type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input type="checkbox"/> <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Fish Culture                              |
| Other (describe): _____   |
| If a flowing well, method of flow regulation: Valve _____ Other (describe) _____  |
| Static Water Level: _____ feet [above or below] land surface Date measured: _____<br>(circle one)   |
| Method of measurement (circle one): <input checked="" type="checkbox"/> Steel tape <input type="checkbox"/> Electric tape <input type="checkbox"/> Air line Other (describe): _____   |
| Well depth: <u>125</u> Well grouted to a depth of: <u>10</u> feet Type of grout (circle one): Neat Cement <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Mix  |
| Casing length: <u>85</u> feet Casing diameter: <u>10</u> inches Type of casing: <u>PVC</u>  |
| Screen length: <u>40</u> feet Screen diameter: <u>10</u> inches Type of screen: <u>PVC</u>  |
| Screen slot size: <u>.032</u> inches Setting depth: From <u>85</u> feet to <u>125</u> feet  |
| Type of completion (circle all applicable): <input checked="" type="checkbox"/> Gravel packed <input type="checkbox"/> Underreamed <input type="checkbox"/> Open hole <input type="checkbox"/> Natural Development  |
| Other (describe): _____   |
| Top of lap pipe or reduction in casing: _____ feet  |
| <i>If telescoped or more than one screen, describe on next page</i>   |

County: Humphreys  
 Permit #: GW-47351

**For Office Use Only:**  
 Well #: E245

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level →

|                      |     |
|----------------------|-----|
| Top soil & clay      | 25' |
| Fine sand & clay     | 30' |
| med sand             | 30' |
| coarse sand          | 20' |
| coarse sand + gravel |     |

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) |
|---------------------------------------|--------------|------------|
| Top soil & clay                       | Ground level | 25         |
| fine sand & clay                      | 25           | 55         |
| med sand                              | 55           | 85         |
| coarse sand                           | 85           | 105        |
| coarse sand & gravel                  | 105          | 125        |
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If more than one screen, show location of each on sketch

Sketch the property layout and include the following:

- 1) the well location
- 2) any permanent structures on the property that may aid in locating the well
- 3) any roads, power lines, or other items that may aid in locating the property and the well
- 4) north arrow

RECEIVED  
 SEP 03 2013  
 BY: OLWR

Landowner Name: \_\_\_\_\_

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.

Tommy Peacock      8/16/13      Tommy Peacock  
 Print Name of Responsible Licensee and License No.      Date      Signature of Licensee