

# 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 #: H142  
Aquifer: \_\_\_\_\_  
E-Log #: \_\_\_\_\_

County: Jefferson Davis  
Permit #: \_\_\_\_\_  
Driller: James M. Wells  
Date drilling completed: 11-10-13

*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><small>(Landowner if borehole is not for a water well)</small> | Well or Borehole Location   |
|--|---|
| Owner Name: <u>Kyle English</u>  | Latitude: <u>31°26.8390</u> Longitude: <u>89°54.8055</u>  |
| Mailing Address: <u>36 Smith Rd.</u>   | Method of Lat/Long (check one): Conventional Survey <input type="checkbox"/><br><span style="margin-left: 100px;"><small>50</small></span> <span style="margin-left: 100px;"><small>48</small></span> |
| <u>Oakvale</u> <u>MS</u> <u>39656</u>  | USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____  |
| City State Zip Code  | <u>NW</u> <u>1/4</u> <u>NE</u> <u>1/4</u> , Sec <u>28</u> <sup>33</sup> T <u>6N</u> R <u>19W</u>  |
| Telephone No. <u>(601) 441-9499</u>  | <u>12</u> Miles <u>S</u> of <u>Prentiss</u>   |
|  | (Distance) (Direction) (Nearest Town)   |

| Well / Borehole Data   |  |
|--|--|
| Date drilling started: <u>11-10-13</u>   | Date drilling completed: <u>11-10-13</u> Hole depth: <u>170</u> Hole diameter: <u>7 1/2"</u> |
| Location of the source of any surface water used for drilling: <u>running creek</u>  |  |
| Method of dosing and volume of Chlorine used in drilling and development: <u>granule chlorine</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 <input type="checkbox"/> 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   |  |
| Seismic Survey <input type="checkbox"/> Other (describe) _____   |  |

*If drilling is not related to water well construction, skip the remainder of this block*

|  |   |
|--|---|
| Purpose of Well (circle all applicable): <input checked="" type="checkbox"/> Home <input type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Fish Culture |   |
| Other (describe): _____  |   |
| If a flowing well, method of flow regulation: Valve _____ Other (describe) _____   |   |
| Static Water Level: <u>100</u> feet [above of <input checked="" type="checkbox"/> below] land surface Date measured: <u>11-10-13</u>   |   |
| Method of measurement (circle one): <input checked="" type="checkbox"/> Steel tape <input type="checkbox"/> Electric tape <input type="checkbox"/> Air line <input type="checkbox"/> Other (describe): _____                           |   |
| Well depth: <u>170</u> Well grouted to a depth of: <u>10</u> feet Type of grout (circle one): <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Mix                          |   |
| Casing length: <u>150</u> feet   | Casing diameter: <u>4</u> inches Type of casing: <u>PVC</u> |
| Screen length: <u>20</u> feet  | Screen diameter: <u>4</u> inches Type of screen: <u>PVC</u> |
| Screen slot size: <u>.008</u> inches   | Setting depth: From <u>150</u> feet to <u>170</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   |   |

*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)

County: Jefferson Davis  
Permit #: \_\_\_\_\_  
Driller: James M. Wells  
Date completed: 11-10-13  
Copy information from block on Part 1

### For Office Use Only:

Well #: H142  
Aquifer: \_\_\_\_\_

*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>Kyle English</u>      |           |              | Latitude: <u>31°26.8390</u>   | Longitude: <u>89°54.8055</u>          |  |
| Mailing Address: <u>36 Smith Rd.</u> |           |              | Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____ |                                       |  |
| <u>Oakvale</u>                       | <u>MS</u> | <u>39656</u> | 1/4 _____ 1/4 _____ Sec. <u>28</u> T <u>6N</u> R <u>19W</u>   |                                       |  |
| City                                 | State     | Zip Code     |   |                                       |  |
| Telephone No. <u>(601) 441-9499</u>  |           |              | <u>12</u> Miles <u>5</u> of <u>Prentiss</u>   | (Distance) (Direction) (Nearest Town) |  |

**Pump Type (circle one)**  
 Submersible  Turbine  Air Lift  Centrifugal  Flowing Well  Jet  Piston  Rotary  Other (describe): \_\_\_\_\_  
Date Pump Installed: 11-10-13 Rated Pump Capacity: 25 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: 2 Setting Depth: 150 feet Number of Stages: 11

**Pump Test Data for Non Flowing Well**  
Date Well Tested: 11-10-13 Duration of Pump Test (minimum 4 hours): 4 hours  
Static Water Level (A): 100 Feet Below Land Surface Pumping Water Level (B): 150 Feet Below Land Surface  
Drawdown [(B) - (A)]: 110 Feet Below Land Surface Test Pumping Rate: 30 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.  
James M. Wells 00005889 12-9-13 James M. Wells  
Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer