

County: Jeff Davis  
 Permit #: 0-586  
 Driller: JAMES WELLS  
 Date drilling completed: 5-16-12

**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)

For Office Use Only:  
 Aquifer: \_\_\_\_\_  
 Well #: H 138  
 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<br>(Landowner if borehole is not for a water well) | Well or Borehole Location  |
|--|--|
| Owner Name: <u>Eric James</u>  | Latitude: <u>31° 28' 60S</u> Longitude: <u>W 89° 54' 38W</u>                         |
| Mailing Address: <u>Bourneham Rd.</u><br><u>OAKVale, MS 39656</u>            | Method of Lat/Long (circle one): <u>36</u> Conventional Survey, <u>38</u>            |
| City _____ State _____ Zip Code _____  | USGS quad, Hand-held GPS, Survey-grade GPS<br><u>NE ¼ NE ¼ Sec 21 Twn 6N Rng 19W</u> |
| Telephone No. (____) _____   | Distance _____ Miles _____ Direction _____ of _____ Nearest Town _____               |

**Well / Borehole Data**

Date drilling started: 5-16-12 Date drilling completed: 5-16-12 Hole depth: 280 Hole diameter: 7

Location of the source of any surface water used for drilling: Creek

Method of dosing and volume of Chlorine used in drilling and development: Shock 3lb

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: 110 feet above or below (circle one) land surface Date measured: 5-16-12

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

Well depth: 280 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 260 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 20 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: .008 inches Setting depth: From 260 feet to 280 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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The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level →

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) |
|---------------------------------------|--------------|------------|
|                                       | Ground Level | 2          |
| Clay                                  | 2            | 20         |
| Sand                                  | 20           | 60         |
| Clay                                  | 60           | 200        |
| Sand                                  | 200          | 280        |
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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) a north arrow.

Landowner Name: Eric James

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.

JAMES WELLS 0-586  
Print Name of Responsible Licensee and License No. \_\_\_\_\_ Date \_\_\_\_\_

James Wells  
Signature of Licensee

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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: Jeff Davis  
 Permit #: \_\_\_\_\_  
 Driller: JAMES WELLS  
 Date completed: 5-16-12  
*Copy information from block on Part 1*

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: 4138  
 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>Eric James</u>                                   | Latitude: <u>N 31.28605</u> Longitude: <u>W 089.54633</u>   |
| Mailing Address: <u>Bourban Rd</u><br><u>Oak Vale, MS 39656</u> | Method of Lat/Long (check one): Conventional Survey _____<br>USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____ |
| City _____ State _____ Zip Code _____                           | <u>NE 1/4 NE 1/4 Sec 21 T 6N R 19W</u>  |
| Telephone No. ( <u>228</u> ) <u>223 5063</u>                    | Distance _____ Direction _____ Nearest Town _____<br><u>5</u> Miles <u>SE</u> of <u>Prentiss</u>                          |

| Pump Type<br>Circle one                                 | Power Type<br>Circle one                            |
|---|---|
| Air Lift      Jet <u>Submersible</u>                    | Diesel Engine      Gasoline Engine      Natural Gas |
| Bucket      Piston      Turbine                         | <u>Electric Motor</u> Hand      Tractor PTO         |
| Centrifugal      Rotary      Flowing Well               | Windmill      Other (specify): _____                |
| Other (specify): _____                                  | Horse Power Rating of Motor: <u>1/2</u>             |
| Date Pump Installed: <u>5-16-12</u>                     | Setting Depth: <u>150</u> feet                      |
| Rated Pump Capacity: _____ <u>10</u> Gallons Per Minute | Number of Stages: <u>14</u>                         |

| Pump Test Data  | Method of Measuring Water Level<br>Circle one         |
|---|---|
| Date Well Tested: <u>5-16-12</u>                              | Air Line      Electric Measuring Line      Steel Tape |
| Static Water Level (A): <u>110</u> Feet Below Land Surface    | Other (specify): _____                                |
| Pumping Water Level (B): <u>150</u> Feet Below Land Surface   | For flowing well, measured shut in head: _____ feet   |
| Drawdown [(B) - (A)]: <u>120</u> Feet Below Land Surface      | Well yielded _____ <u>10</u> GPM with a drawdown of   |
| Test Pumping Rate: _____ <u>10</u> Gallons Per Minute         | <u>110</u> feet after _____ <u>4</u> hours of pumping |
| Duration of Pump Test (minimum 4 hours): _____ <u>4</u> hours |   |

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

JAMES WELLS 0-586      James Wells  
 Print Name of Pump Installer and License No. (if applicable)      Signature of Pump Installer

Form: OLWR-SW-15-04-08

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