

# STATE WELL REPORT

County: Desoto  
 Permit #: \_\_\_\_\_  
 Driller: Bob Smith  
 Date drilling completed: 9-11-16

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 #: K319  
 Aquifer: \_\_\_\_\_  
 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.*

Well Owner Information <small>(Landowner if borehole is not for a water well)</small>	Well or Borehole Location
Owner Name: <u>JEFF BANKHAM</u>	Latitude: <u>34°47'45.71"N</u> Longitude: <u>90°05'05.19"W</u>
Mailing Address: <u>5470 FOGG RD</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____ Hand-held GPS _____ Survey-grade GPS _____
<u>HERNANDO MS 38632</u>	SW <input checked="" type="checkbox"/> NE <input checked="" type="checkbox"/> Sec <u>30</u> T <u>35</u> R <u>8W</u>
City: _____ State: _____ Zip Code: _____	<u>6 1/2</u> miles <u>S/W</u> of <u>HERNANDO</u>
Telephone No. <u>(901) 351-3496</u>	(Distance) (Direction) (Nearest Town)

**Well / Borehole Data**

Date drilling started: 9-11-16 Date drilling completed: 9-11-16 Hole depth: 185 Hole diameter: 8"

Location of the source of any surface water used for drilling: \_\_\_\_\_

Method of dosing and volume of Chlorine used in drilling and development: 5 ppm

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: 70 feet (above or below land surface) Date measured: 9-11-16  
(circle one)

Method of measurement (circle one): Steel tape  Electric tape  Air line  Other (describe): LINE & WEIGHT

Well depth: 185 Well grouted to a depth of: 10 feet Type of grout (circle one): Neat Cement  Bentonite  Mix

Casing length: 175 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 10 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: 13 # Hous. inches Setting depth: From 175 feet to 185 feet

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

Other (describe): \_\_\_\_\_

Top of lap pipe or reduction in casing: \_\_\_\_\_ feet

*If telescoped or some form over screens, describe on next page*

Received

Form: OLWR-SWR-1A (4/13)  
 OCT 10 2016

By OLWR

# STATE WELL REPORT

County: DESOTO  
 Permit #: \_\_\_\_\_  
 Driller: BOB SMITH  
 Date completed: 9-11-16  
*(Copy information from block on Part 1)*

**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) 964-5210  
 (601) 360-4335 (fax)

**For Office Use Only:**

Well #: K319  
 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>JEFF BANHAM</u>	Latitude: <u>34°47'45.71"N</u> Longitude: <u>90°05'05.19"W</u>
Mailing Address: <u>5470 FOGG RD</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____ Hand-held GPS _____ Survey-grade GPS _____
City: <u>HERNANDO</u> State: <u>MS</u> Zip Code: <u>38632</u>	<u>SW 1/4 NE 1/4 Sec N. 30 T. 3S R. 8W</u>
Telephone No. (901) <u>351-3496</u>	<u>6 1/2</u> miles <u>S/W</u> of <u>HERNANDO</u> (Distance) (Direction) (Nearest Town)

**Pump Type (circle one)**

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

Date Pump Installed: 9-11-16 Rated Pump Capacity: 10 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: 3/4 Setting Depth: 100 feet Number of Stages: 8

**Pump Test Data for Non-Flowing Well**

Date Well Tested: 9-11-16 Duration of Pump Test (minimum 4 hours): \_\_\_\_\_ hours

Static Water Level (A): 70 Feet Below Land Surface Pumping Water Level (B): \_\_\_\_\_ Feet Below Land Surface

Drawdown (B) - (A): \_\_\_\_\_ Feet Below Land Surface Test Pumping Rate: 12 Gallons Per Minute

Method of measurement (circle one): Steel tape  Electric tape  Air line  Other (describe): LINE + WEIGHT

**Pump Test Data for Flowing Well**

Measured shut-in head: \_\_\_\_\_ feet.

Well yielded 12 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 100, 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 MSDEQ website.*

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

BOB SMITH 0645 10-5-16 [Signature]  
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

Form: OLWR-SWR-2A (4/13)

OCT 10 2016

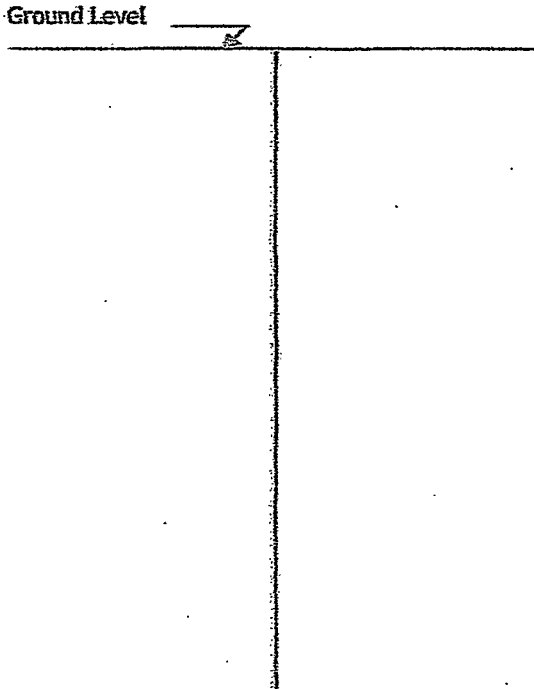
By OLWR

County: DeSoto  
 Permit #: \_\_\_\_\_

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 Well #: K319

The sketch below only required for water wells

If well telescopes, show depths on sketch.



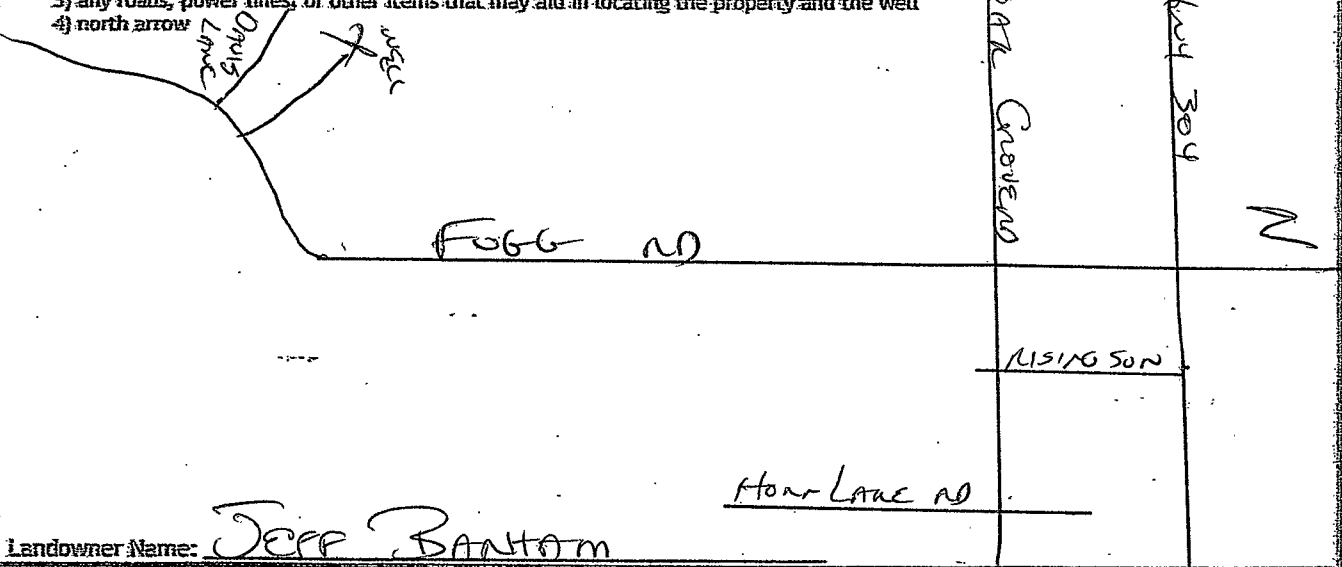
Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
TOP SOIL	0	5
Brown CLAY	5	18
GRAVEL	18	36
WHITE CLAY	36	110
WHITE SAND + CLAY	110	150
WHITE SAND FINE	150	170
COARSE WHITE SAND	170	185

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



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.

Bob Smart 0645 10-5-16 Received  
 Print Name of Responsible Licensee and License No.      Date      Signature of Licensee

Form: OLWR-SWR-4B (4/13)

By OLWR