

# 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 #: H149  
L. S. Elevation: \_\_\_\_\_  
E-log #: \_\_\_\_\_

County: DeSoto  
Permit #: 0-780  
Driller: J-Pine  
Date drilling completed: 8-12-14

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.

Information on Well Owner (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Dermis Baxter</u>	Latitude: <u>28° 25' 57"</u> Longitude: <u>90° 51' 27"</u>
Mailing Address: <u>2100 Aquila Cater Rd</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>Lumbah ms 39452</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	<u>NE 1/4 SE 1/4 Sec 24 Twn 25 Rng 5W</u>
Telephone No. (601) <u>588-4545</u>	Distance Direction Nearest Town Miles of

**Well / Borehole Data**

Date drilling started: 8-12 Date drilling completed: 8-12 Hole depth: 230 Hole diameter: 4 in

Location of the source of any surface water used for drilling: Aquila, ms

Method of dosing and volume of Chlorine used in drilling and development: 2000 water equal Bleach

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: 10 feet above or below (circle one) land surface Date measured: 8-12-14

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

Well depth: 230 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 220 feet Casing diameter: 4 inch inches Type of casing: sch 40

Screen length: 10 feet Screen diameter: 4 inch inches Type of screen: sch 40

Screen slot size: 6 inches Setting depth: From 0 feet to 230 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)



# 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)

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: H149  
 Elevation: \_\_\_\_\_

County: DeSoto  
 Permit #: 0-780  
 Driller: Joel P.  
 Date completed: 8-12-14  
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>Denise Baxter</u>	Latitude: <u>88-25-57</u> Longitude: <u>30-51-27</u>
Mailing Address: <u>2100 Aquela Cat Rd</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Wetzel ms 39452</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City State Zip Code	<u>NE 1/4 SE 1/4 Sec 24 T 2 S R 5W</u>
Telephone No. <u>(601) 508-4545</u>	Distance _____ Miles Direction _____ of Nearest Town _____

Pump Type Circle one	Power Type Circle one
Air Lift <input type="checkbox"/> Jet <input type="checkbox"/> <u>Submersible</u>	Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input type="checkbox"/>
Bucket <input type="checkbox"/> Piston <input type="checkbox"/> Turbine <input type="checkbox"/>	<u>Electric Motor</u> <input type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/>
Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/>	Windmill <input type="checkbox"/> Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: _____
Date Pump Installed: <u>8-12-14</u>	Setting Depth: <u>80 drop in</u> feet
Rated Pump Capacity: <u>20</u> Gallons Per Minute	Number of Stages: <u>10</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>8-12-14</u>	<u>Air Line</u> <input type="checkbox"/> Electric Measuring Line <input type="checkbox"/> Steel Tape <input type="checkbox"/>
Static Water Level (A): <u>10</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>30</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>2</u> Feet Below Land Surface	Well yielded <u>20</u> GPM with a drawdown of
Test Pumping Rate: <u>20</u> Gallons Per Minute	<u>2</u> feet after <u>48</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>48</u> hours	

This is for (circle one): New Well Replacement of Existing Pump Repair of Existing Pump

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

Joel P. 0-780 Joel P.  
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer