

# 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 #: K 715  
Aquifer: \_\_\_\_\_  
E-Log #: \_\_\_\_\_

County: Jackson  
Permit #: \_\_\_\_\_  
Driller: Coast Water Well Serv.  
Date drilling completed: 7-18-13

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 (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Fred Harwell</u>	Latitude: <u>30° 31' 15.96"</u> Longitude: <u>088° 38' 19.94"</u>
Mailing Address: <u>1900 Summerlin Bayou Road</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Vanderveave, MS 39565</u>	<u>SE 1/4 SW 1/4, Sec 24 T 6 S R 7 W</u>
City State Zip Code	<u>3</u> Miles <u>SE</u> of <u>Vanderveave</u>
Telephone No. <u>(601) 520-2975</u>	(Distance) (Direction) (Nearest Town)

Well / Borehole Data	
Date drilling started: <u>7-18-13</u> Date drilling completed: <u>7-18-13</u> Hole depth: <u>267 FT</u> Hole diameter: <u>2</u>	
Location of the source of any surface water used for drilling: <u>N/A</u>	
Method of dosing and volume of Chlorine used in drilling and development: <u>1 gal. per 1000 drilling - 2 gallons in well</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	
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): <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>50</u> feet [above or <input checked="" type="checkbox"/> below] land surface Date measured: <u>7-18-13</u>	
Method of measurement (circle one): Steel tape <input type="checkbox"/> Electric tape <input type="checkbox"/> <input checked="" type="checkbox"/> Air line Other (describe): _____	
Well depth: <u>267 FT</u> Well grouted to a depth of: <u>10</u> feet Type of grout (circle one): Neat Cement <input type="checkbox"/> <input checked="" type="checkbox"/> Bentonite Mix	
Casing length: <u>257</u> feet Casing diameter: <u>2</u> inches Type of casing: <u>PVC</u>	
Screen length: <u>10</u> feet Screen diameter: <u>2</u> inches Type of screen: <u>PVC</u>	
Screen slot size: <u>.000</u> inches Setting depth: From <u>257</u> feet to <u>267</u> feet	
Type of completion (circle all applicable): Gravel packed <input type="checkbox"/> Underreamed <input type="checkbox"/> Open hole <input checked="" type="checkbox"/> Natural Development	
Other (describe): _____	
Top of lap pipe or reduction in casing: <u>N/A</u> feet	
If telescoped or more than one screen, describe on next page	

RECEIVED

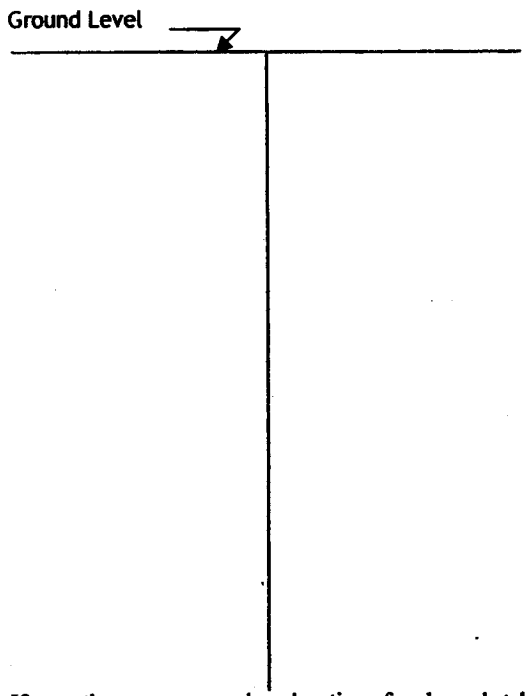
JUL 26 2013

BY: OLWR

County: Jackson  
Permit #: \_\_\_\_\_

For Office Use Only:  
Well #: K715

The sketch below only required for water wells  
If well telescopes, show depths on sketch.



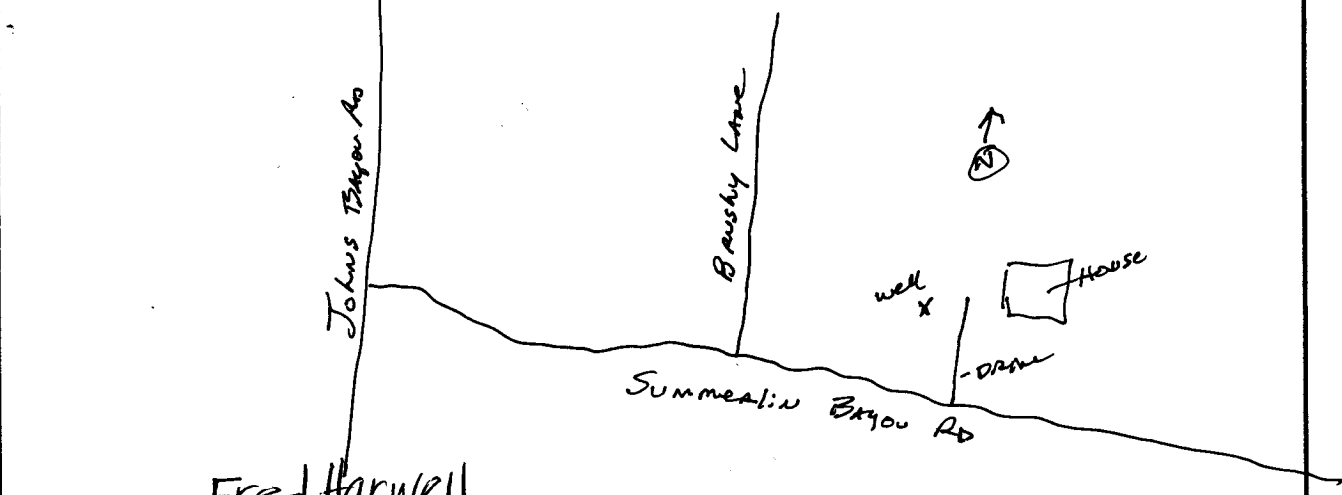
Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
Top Soil	Ground level	2
Orange Clay	2	10
Brown Coarse Sand	10	30
Orange and White Clay	30	55
Brown Coarse Sand	55	70
Blue Clay	70	254
Gray medium sand	254	267

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



Landowner Name: Fred Harwell

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.

Jack K. Ridgwell 0422  
Print Name of Responsible Licensee and License No.

7/24/13  
Date

Jack K. Ridgwell  
Signature of Licensee

RECEIVED  
JUL 26 2013  
OLWR

# 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: Jackson  
Permit #: \_\_\_\_\_  
Driller: Coast Water Well SRV  
Date completed: 7-18-13  
*Copy information from block on Part 1*

**For Office Use Only:**  
Well #: K715  
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>Fred Harwell</u>	Latitude: <u>30° 31' 15.96"</u> Longitude: <u>088° 38' 19.74"</u>
Mailing Address: <u>1900 Summerlin Bayou Rd.</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Vanderve, ms 39565</u>	<u>SE 1/4 SW 1/4, Sec 24 T 6 S R 7 W</u>
City _____ State _____ Zip Code _____	<u>3</u> Miles <u>SE</u> of <u>Vanderve</u>
Telephone No. <u>(601) 520-2975</u>	(Distance) (Direction) (Nearest Town)

**Pump Type (circle one)**  
Submersible Turbine Air Lift Centrifugal Flowing Well  Jet Piston Rotary Other (describe): \_\_\_\_\_  
Date Pump Installed: 7-22-13 Rated Pump Capacity: \_\_\_\_\_ 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: 1HP Setting Depth: 15 FT DP feet Number of Stages: 2

**Pump Test Data for Non Flowing Well**  
Date Well Tested: 7-22-13 Duration of Pump Test (minimum 4 hours): \_\_\_\_\_ hours  
Static Water Level (A): 50 Feet Below Land Surface Pumping Water Level (B): N/A Feet Below Land Surface  
Drawdown [(B) - (A)]: N/A Feet Below Land Surface Test Pumping Rate: \_\_\_\_\_ 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. N/A  
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.  
Jack Ridadell 0-472 7/24/13 Jack K. Ridadell  
Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

RECEIVED