

Grid N

County: Loake  
 Permit #: \_\_\_\_\_  
 Driller: Thomas Drilling  
 Date drilling completed: 9-30-15

**State Well Report**  
**Part I - 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 #: N46  
 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 (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Jessie DAVIS 4</u>	Latitude: <u>32° 35' 59.7"</u> Longitude: <u>89° 40' 1.45"</u>
Mailing Address: <u>1 FRANCOIS COVE</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS
<u>Brandon MS 39049</u> City State Zip Code	<u>SW 1/4 NE 1/4 Sec 27 Twn 9N Rng 6E</u>
Telephone No. <u>(601) 260-1079</u>	Distance <u>3</u> Miles <u>SW</u> of <u>Good Hope</u>

**Well / Borehole Data**

Date drilling started: 9-30-15 Date drilling completed: 9-30-15 Hole depth: 205 Hole diameter: 4"

Location of the source of any surface water used for drilling: \_\_\_\_\_  
 Method of dosing and volume of Chlorine used in drilling and development: 1 lb in tender for wash

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: Sanitary

If a flowing well, method of flow regulation: Valve \_\_\_\_\_ Other (describe) \_\_\_\_\_

Static Water Level: 46 feet above or below (circle one) land surface Date measured: 9-30-15

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

Well depth: 205 Well grouted to a depth of 104 feet Type of grout (circle one): Neat Cement Bentonite Mix

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

Screen length: 30 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: .010 inches Setting depth: From 175 feet to 205 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***



### 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: Leake  
 Permit #: \_\_\_\_\_  
 Driller: Thomas Drilling  
 Date completed: 10-1-15  
 Copy information from block on Part 1

**For Office Use Only:**  
 Aquifer: \_\_\_\_\_  
 Well #: N 46  
 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>Jessie Davis 4</u>	Latitude: <u>32° 35' 59.21"</u> Longitude: <u>89° 40' 1.45"</u>
Mailing Address: <u>1 FRANCOIS Cove</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Brandon MS 39047</u> City State Zip Code	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
Telephone No. <u>(601)260-1099</u>	____ 1/4 _____ 1/4 Sec <u>29</u> T <u>9N</u> R <u>6E</u>
	Distance <u>3</u> Miles Direction <u>SW</u> of Nearest Town <u>Good Hope</u>

Pump Type	Power Type
Circle one	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 checked="" 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: <u>5 HP 30</u>
Date Pump Installed: <u>10-1-15</u>	Setting Depth: <u>85'</u> feet
Rated Pump Capacity: <u>55</u> Gallons Per Minute	Number of Stages: <u>15</u>

Pump Test Data	Method of Measuring Water Level
Circle one	Circle one
Date Well Tested: <u>10-1-15</u>	Air Line <input type="checkbox"/> Electric Measuring Line <input type="checkbox"/> Steel Tape <input type="checkbox"/>
Static Water Level (A): <u>46</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>60</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>14</u> Feet Below Land Surface	Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping
Test Pumping Rate: <u>20 ±</u> Gallons Per Minute	
Duration of Pump Test (minimum 4 hours): <u>1</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

David S. Thomas 0-147 \_\_\_\_\_  
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer