

WELL # 1

County: Wayne  
 Permit #: 5496  
 Driller: Earl Bussey  
 Date drilling completed: 5-14-15

**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 #: T106  
 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>SHANE M'CAA</u>	Latitude: <u>31° 33' 35"</u> Longitude: <u>88° 32' 56"</u>
Mailing Address: <u>010 HWY 45</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS
<u>BUCKATUNNA MS 39322</u>	<u>NW 1/4 SE 24</u> Sec <u>24</u> Twn <u>7N</u> Rng <u>6W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. ( ) <u>212</u>	<u>1</u> Miles <u>NW</u> of <u>BUCKATUNNA</u>

**Well / Borehole Data**

Date drilling started: 5-14-15 Date drilling completed: 5-14-15 Hole depth: 88 Hole diameter: 4

Location of the source of any surface water used for drilling: 837 COUNTY LAKE DESHA RD.  
 Method of dosing and volume of Chlorine used in drilling and development: 1402 HTA PER 10W

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: AG

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

Static Water Level: 19 feet above or below (circle one) land surface Date measured: 5-14-15

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

Well depth: 88' Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mi \_\_\_\_\_

Casing length: 78 feet Casing diameter: 4 inches Type of casing: PVC

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

Screen slot size: #10 inches Setting depth: From 78 feet to 88 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*

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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: Wayne  
 Permit #: 5496  
 Driller: EAL MURPHY  
 Date completed: 5-19-15  
*Copy information from block on Part 1*

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: T 106  
 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>SHANE M'CAA</u>	Latitude: <u>31-33.350</u> Longitude: <u>88-32.560</u>
Mailing Address: <u>210 HWY 45</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>BUCKATUNNA MS 39322</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City State Zip Code	<u>NW 1/4 SE 1/4 Sec 24 T 72 R 6W</u>
Telephone No. ( ) <u>N/A</u>	Distance Direction Nearest Town
	<u>1</u> Miles <u>NW</u> of <u>BUCKATUNNA</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="checkbox"/> <u>Submersible</u>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <input type="checkbox"/> Turbine <input type="checkbox"/>	<u>Electric Motor</u> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/>
Centrifugal Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/>	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>2</u>
Date Pump Installed: <u>5-19-15</u>	Setting Depth: <u>60</u> feet
Rated Pump Capacity: <u>35</u> Gallons Per Minute	Number of Stages: _____

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Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>5-19-15</u>	Air Line <input type="checkbox"/> Electric Measuring Line <input type="checkbox"/> Steel Tape <input type="checkbox"/>
Static Water Level (A): <u>19</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>41</u> Feet Below Land Surface	Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping
Test Pumping Rate: <u>45</u> Gallons Per Minute	
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.

\_\_\_\_\_  
 Print Name of Pump Installer and License No. (if applicable)

\_\_\_\_\_  
 Signature of Pump Installer