

County: Leake  
 Permit #: \_\_\_\_\_  
 Driller: Thomas Drilling  
 Date drilling completed: 12-9-14

### 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: F  
 Well #: B74  
 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 <small>(Landowner if borehole is not for a water well)</small>	Well or Borehole Location
Owner Name: <u>Jeff Cowan</u>	Latitude: <u>32° 52' 39.04"</u> Longitude: <u>87° 32' 37.62"</u>
Mailing Address: <u>2396 Allen Road</u>	Method of Lat/Long (circle one): Conventional Survey, <input checked="" type="checkbox"/> Hand-held GPS, <input type="checkbox"/> Survey-grade GPS
<u>Carthage MS 39051</u> City State Zip Code	USGS quad, <u>NE 1/4 SE 1/4 Sec 23 Twn 12 N Rng 7 E</u>
Telephone No. <u>(601) 504-2890</u>	Distance Direction Nearest Town <u>1 Miles SW of Singleton</u>
Well / Borehole Data	
Date drilling started: <u>12-9-14</u> Date drilling completed: <u>12-9-14</u> Hole depth: <u>170</u> Hole diameter: <u>4</u>	
Location of the source of any surface water used for drilling: _____	
Method of dosing and volume of Chlorine used in drilling and development: <u>1 lb in wash &amp; tender</u>	
Logs run (circle all applicable): <u>No log run</u> Electric Gamma Ray Density Sonic Neutron Other: _____	
Name of organization running log(s): _____	
Purpose of borehole (check one): Water Well <input checked="" type="checkbox"/> Geotechnical/Geological Investigation _____ Ground Source Heat Pump _____	
Seismic Survey _____ Other (describe) _____	
<i>If drilling is not related to water well construction, skip the remainder of this block</i>	
Purpose of Well (check one): Home _____ Industrial _____ Public Supply _____ Irrigation _____ Fish Culture _____ Other: <u>Poultry</u>	
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____	
Static Water Level: <u>66</u> feet above or below (circle one) land surface Date measured: <u>12-9-14</u>	
Method of Measurement (circle one) steel tape electric tape <u>air tap</u> other: _____	
Well depth: <u>170</u> Well grouted to a depth of <u>10</u> feet Type of grout (circle one): <u>Neat Cement</u> Bentonite Mix	
Casing length: <u>150</u> feet Casing diameter: <u>4</u> inches Type of casing: <u>PVC</u>	
Screen length: <u>30</u> feet Screen diameter: <u>4</u> inches Type of screen: <u>PVC</u>	
Screen slot size: <u>.010</u> inches Setting depth: From <u>140</u> feet to <u>170</u> feet	
Type of completion (circle all applicable): <u>Gravel packed</u> Underreamed Telescoped Open hole Natural Development	
Other (describe): _____	
Top of lap pipe or reduction in casing: _____ feet. <i>If telescoped or more than one screen, describe on next page</i>	

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 #: B74  
 Elevation: \_\_\_\_\_

County: Leake  
 Permit #: \_\_\_\_\_  
 Driller: Thomas Drilling  
 Date completed: 12-10-14  
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>JEFF GOWAN</u>	Latitude: <u>32°52'39.04"</u> Longitude: <u>89°32'39.69"</u>
Mailing Address: <u>2396 Allen Road</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Carthage MS 39051</u> City State Zip Code	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
Telephone No. <u>(601) 504-2890</u>	<u>NE 1/4 SE 1/4 Sec 23 T 12 N R 7 E</u>
	Distance _____ Miles Direction _____ Nearest Town <u>Singletary</u>

Pump Type Circle one	Power Type Circle one
Air Lift: Jet <input type="checkbox"/> <u>Submersible</u> <input checked="" type="checkbox"/>	Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input type="checkbox"/>
Bucket: 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: 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 80 hp</u>
Date Pump Installed: <u>12-10-14</u>	Setting Depth: <u>120</u> feet
Rated Pump Capacity: <u>55</u> Gallons Per Minute	Number of Stages: <u>9</u> ( <u>3 HP water end</u> )

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>12-10-14</u>	Air Line <input type="checkbox"/> Electric Measuring Line <input type="checkbox"/> Steel Tape <input type="checkbox"/>
Static Water Level (A): <u>66</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>96</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>30</u> Feet Below Land Surface	Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping
Test Pumping Rate: <u>50</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 0-149 \_\_\_\_\_  
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Form: OLWR-SWR-1C (07-09)