

# 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 #: G 221  
L. S. Elevation: \_\_\_\_\_  
E-log #: \_\_\_\_\_

County: Dezade  
Permit #: 0-780  
Driller: J. Pirel  
Date drilling completed: 10-18-16

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>Bryan Cooley</u>	Latitude: <u>30° 51' 52"</u> Longitude: <u>88° 35' 24"</u>
Mailing Address: <u>201 John Cooley Rd</u>	Method of Lat/Long (circle one): Conventional Survey, _____ USGS quad, Hand-held GPS, Survey-grade GPS
<u>Cumada ms 39452</u>	<u>NE 1/4 SE 1/4 Sec 21 Twn 25 Rng 6W</u>
City State Zip Code	Distance <u>3</u> Miles Direction <u>South</u> of Nearest Town <u>Cumada, ms</u>
Telephone No. ( ) _____	

### Well / Borehole Data

Date drilling started: 10-18-16 Date drilling completed: 10-18-16 Hole depth: 130 Hole diameter: 2 in

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

Method of dosing and volume of Chlorine used in drilling and development: 2000 water 5gal 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: 4 feet above of below (circle one) land surface Date measured: 10-18-16

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

Well depth: 130 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 120 feet Casing diameter: 2 inches Type of casing: Plastic

Screen length: 10 feet Screen diameter: 2 inches Type of screen: Plastic

Screen slot size: 10 inches Setting depth: From 0 feet to 130 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) RECEIVED

OCT 31 2016

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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)

**For Office Use Only:**

Aquifer: \_\_\_\_\_

Well #: G221

Elevation: \_\_\_\_\_

County: DeSoto  
 Permit #: 0-780  
 Driller: J-Pier  
 Date completed: 10-18-16  
*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>Bryan Cooley</u>	Latitude: <u>30-51-52</u> Longitude: <u>88-35-24</u>
Mailing Address: <u>201 John Cooley Rd</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Lumbard MS 39452</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City State Zip Code	<u>NE 1/4 SE NW 21 T 25 R 6W</u>
Telephone No. ( ) _____	Distance Direction Nearest Town
	<u>3</u> Miles <u>South</u> of <u>Lumbard, MS</u>

Pump Type Circle one	Power Type Circle one
Air Lift <input type="radio"/> Jet <input checked="" type="radio"/> Submersible	Diesel Engine Gasoline Engine Natural Gas
Bucket <input type="radio"/> Piston <input type="radio"/> Turbine	<input checked="" type="radio"/> Electric Motor <input type="radio"/> Hand <input type="radio"/> Tractor PTO
Centrifugal <input type="radio"/> Rotary <input type="radio"/> Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1</u>
Date Pump Installed: <u>10-18-16</u>	Setting Depth: <u>60 FT Jet in</u> feet
Rated Pump Capacity: <u>10</u> Gallons Per Minute	Number of Stages: <u>2</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>10-18-16</u>	<input checked="" type="radio"/> Air Line <input type="radio"/> Electric Measuring Line <input type="radio"/> Steel Tape
Static Water Level (A): <u>4</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>2</u> Feet Below Land Surface	Well yielded <u>10</u> GPM with a drawdown of
Test Pumping Rate: <u>10</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	

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

Joel Pier 0-780 Joel P. **RECEIVED**  
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer **OCT 31 2016**

Form: OLWR-SWR-1B (04/08)

**BY OLWR**

