

#2 well

County: Wayne  
 Permit #: \_\_\_\_\_  
 Driller: Randall Cain  
 Date drilling completed: 5/4/2018

### 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 #: P87  
 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<br>(Landowner if borehole is not for a water well) | Well or Borehole Location   |
|--|---|
| Owner Name: <u>Jason Cooley</u>  | Latitude: <u>31° 38' 56"</u> Longitude: <u>88° 29' 19"</u>                                    |
| Mailing Address: <u>39 Eddy Lee Dr.</u>                                      | Method of Lat/Long (circle one): Conventional Survey, <u>Hand-held GPS</u> , Survey-grade GPS |
| <u>Buckatunga, MS 39339</u>  | USGS quad: <u>S 1/4 E 1/4 Sec 27 Twn 8N Rng 5W</u>  |
| City State Zip Code  | Distance: <u>10</u> Miles Direction: <u>SE</u> of Nearest Town: <u>Waynesboro MS</u>          |
| Telephone No. <u>(601) 310 2902</u>  |   |

**Well / Borehole Data**

Date drilling started: 5/7 Date drilling completed: 5/4 Hole depth: 110 Hole diameter: 4"

Location of the source of any surface water used for drilling: Buckatunga Water Ass.

Method of dosing and volume of Chlorine used in drilling and development: \_\_\_\_\_

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: Chicken Farm

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

Static Water Level: 6.5 feet above or below (circle one) land surface Date measured: 5/4/2018

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

Well depth: 110 Well grouted to a depth of 20 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 90 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 20 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: #10 inches Setting depth: From 90 feet to 110 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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Southern MS Water Well Drilling  
 Lic# 0-834

Randall Cain  
 5/7/2018

#2 Well

# 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 #: P87

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

County: Wayne  
 Permit #: \_\_\_\_\_  
 Driller: Andrew Cain  
 Date completed: 5/4/2018  
 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>Jason Cooley</u>        | Latitude: <u>31°38'56"</u> Longitude: <u>88°29'19"</u>                                      |
| Mailing Address: <u>39 Eddy Lee Dr</u> | Method of Lat/Long (check one): Conventional Survey _____                                   |
| <u>Buckatunng, MS 39332</u>            | USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____ |
| City State Zip Code                    | <u>8<sup>SW</sup> 1/4 E 1/4 NE 27 T 8N R 5W</u>   |
| Telephone No. <u>(601) 310 2402</u>    | Distance Direction <u>21</u> Nearest Town   |
|  | <u>10 Miles S/E of Waynesboro MS</u>  |

| Pump Type<br>Circle one                                   | Power Type<br>Circle one   |
|---|--|
| Air Lift Jet <input checked="" type="radio"/> Submersible | Diesel Engine Gasoline Engine Natural Gas                        |
| Bucket Piston Turbine                                     | <input checked="" type="radio"/> Electric Motor Hand Tractor PTO |
| Centrifugal Rotary Flowing Well                           | Windmill Other (specify): _____                                  |
| Other (specify): _____                                    | Horse Power Rating of Motor: <u>2 hp</u>                         |
| Date Pump Installed: <u>5/4/2018</u>                      | Setting Depth: <u>100</u> feet                                   |
| Rated Pump Capacity: <u>35</u> Gallons Per Minute         | Number of Stages: <u>15</u>                                      |

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| Pump Test Data  | Method of Measuring Water Level<br>Circle one       |
|---|---|
| Date Well Tested: <u>5/4/2018</u>                           | Air Line Electric Measuring Line Steel Tape         |
| Static Water Level (A): <u>6.5</u> Feet Below Land Surface  | Other (specify): <u>String</u>                      |
| Pumping Water Level (B): <u>8.5</u> Feet Below Land Surface | For flowing well, measured shut in head: _____ feet |
| Drawdown [(B)-(A)]: <u>2.0</u> Feet Below Land Surface      | Well yielded <u>45</u> GPM with a drawdown of       |
| Test Pumping Rate: <u>45</u> Gallons Per Minute             | <u>20</u> feet after <u>4</u> hours of pumping      |
| 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

Southern Mississippi Water Well Drilling  
Lic# 0-831

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

5/7/2018

