

# 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 39225-2309  
(601)961-5210  
(601)360-0535 (fax)

Well No. 3 of 4

County: Copiah  
Permit #: \_\_\_\_\_  
Driller: Gary Rayborn  
Date drilling completed: 7/15/16

**For Office Use Only:**

Well #: Q 33  
Aquifer: \_\_\_\_\_  
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.*

Well Owner Information <small>(Landowner if borehole is not for a water well)</small>	Well or Borehole Location
Owner Name: <u>Jay McCardle</u>	Latitude: <u>31°47'13"N</u> Longitude: <u>90°17'8"W</u>
Mailing Address: <u>1117 McCardle Rd.</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>Hazlehurst</u> MS <u>39083</u>	<u>SW 1/4 SE 1/4</u> , Sec <u>34</u> T <u>10N</u> R <u>9E</u>
City State Zip Code	<u>8</u> Miles <u>SE</u> of <u>Hazlehurst</u>
Telephone No. <u>(601) 894-4053</u>	(Distance) (Direction) (Nearest Town)

**Well / Borehole Data**

Date drilling started: 7/13/16 Date drilling completed: 7/15/16 Hole depth: 168' 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: \_\_\_\_\_

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: \_\_\_\_\_

Name of organization running log(s): \_\_\_\_\_

Purpose of borehole (circle 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 (circle all applicable): Home Industrial Public Supply Irrigation Fish Culture

Other (describe): Chicken Farm

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

Static Water Level: 96 feet [above or below] land surface Date measured: 7/15/16  
(circle one)

Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): \_\_\_\_\_

Well depth: 168' Well grouted to a depth of: 50 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 138 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 138 feet to 168 feet

Type of completion (circle all applicable): Gravel packed Underreamed 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*

Received

JUL 28 2016

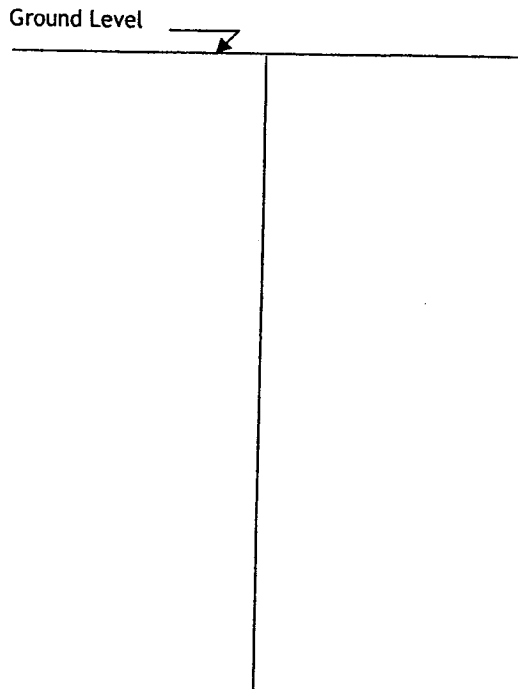
Form: OLWR-SWR-1A (4/13)

By OLWR

County: Copiah  
 Permit #: \_\_\_\_\_

Well No. 3 of 4  
 For Office Use Only:  
 Well #: \_\_\_\_\_

*The sketch below only required for water wells*  
*If well telescopes, show depths on sketch.*

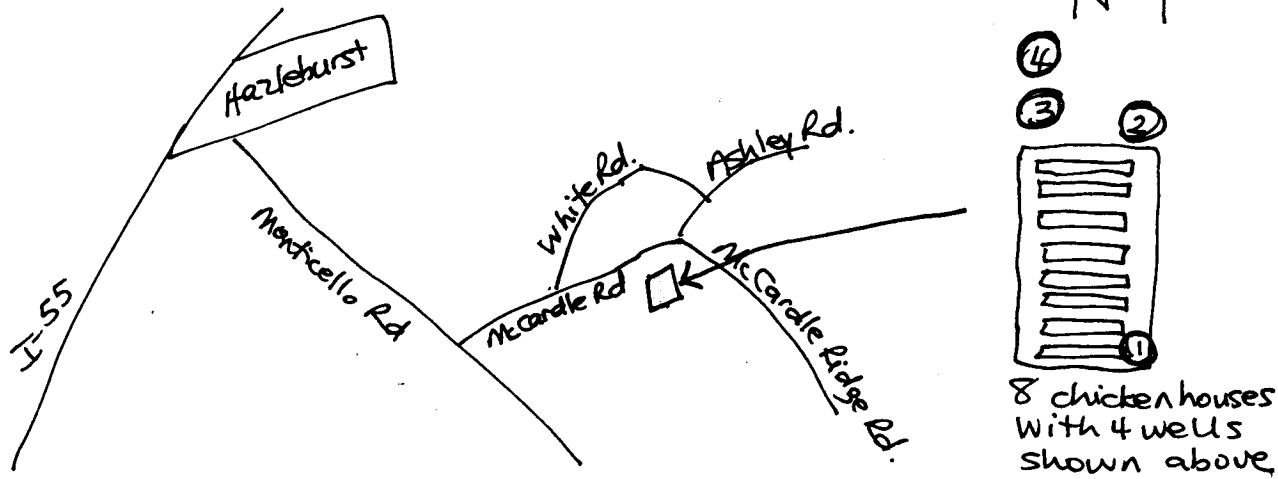


*Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations*

Description of Formations Encountered	From (depth)	To (depth)
Chalk	Ground level	10
Gravel	10	30
Chalk	30	85
Fine sand	85	100
Chalk	100	138
Coarse sand	138	168

If more than one screen, show location of each on sketch

Sketch the property layout and include the following:  
 1) the well location  
 2) any permanent structures on the property that may aid in locating the well  
 3) any roads, power lines, or other items that may aid in locating the property and the well  
 4) north arrow



Landowner Name: Jay McCardle

Enlargement

I HEREBY CERTIFY that the well/borehole was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and the Mississippi Department of Health regulations, if applicable, and state laws.

Rayborn Drilling Inc. 0-60 7/27/16  
 Print Name of Responsible Licensee and License No.      Date

[Signature]  
 Signature of Licensee

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 39225-2309  
(601)961-5210  
(601) 360-0535 (fax)

Well No. 3 of 4

For Office Use Only:

Well #: 033

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

County: Copiah  
Permit #: \_\_\_\_\_  
Driller: Gary Rayborn  
Date completed: 7/15/16  
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.

<b>Well Owner Information</b> Owner Name: <u>Jay McCardle</u> Mailing Address: <u>1117 McCardle Rd.</u> <u>Hazlehurst MS 39083</u> City State Zip Code Telephone No. <u>(601) 894-4053</u>	<b>Well Location</b> Latitude: <u>31°47'13" N</u> Longitude: <u>90°17'8" W</u> Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____ _____ 1/4 _____ 1/4, Sec <u>34</u> T <u>10N</u> R <u>9E</u> <u>8</u> Miles <u>SE</u> of <u>Hazlehurst</u> (Distance) (Direction) (Nearest Town)
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**Pump Type (circle one)**  
 Submersible  Turbine  Air Lift  Centrifugal  Flowing Well  Jet  Piston  Rotary  Other (describe): \_\_\_\_\_  
Date Pump Installed: 7/15/16 Rated Pump Capacity: 60 Gallons Per Minute  
Is This Pump (circle one):  New  Repaired  Replacement

**Power Type (circle one)**  
 Electric  Diesel  Gasoline  Natural Gas  Tractor PTO  Windmill  Other (describe): \_\_\_\_\_  
Horse Power Rating of Motor: 5 Setting Depth: 147 feet Number of Stages: 14

**Pump Test Data for Non Flowing Well**  
Date Well Tested: 7/15/16 Duration of Pump Test (minimum 4 hours): \_\_\_\_\_ hours  
Static Water Level (A): 96 Feet Below Land Surface Pumping Water Level (B): \_\_\_\_\_ Feet Below Land Surface  
Drawdown [(B) - (A)]: \_\_\_\_\_ Feet Below Land Surface Test Pumping Rate: 60 Gallons Per Minute  
Method of measurement (circle one): Steel tape  Electric tape  Air line  Other (describe): \_\_\_\_\_

**Pump Test Data for Flowing Well**  
Measured shut in head: \_\_\_\_\_ feet.  
Well yielded \_\_\_\_\_ GPM with a drawdown of \_\_\_\_\_ feet after \_\_\_\_\_ hours of pumping

**Meter Installation**  
Meter Manufacturer: \_\_\_\_\_ Meter Serial Number: \_\_\_\_\_  
Meter Model Number/Name: \_\_\_\_\_ Type of Meter: \_\_\_\_\_  
Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): \_\_\_\_\_  
Installation Date: \_\_\_\_\_ Meter installed by: \_\_\_\_\_  
Is This Meter (circle one):  New  Repaired  Replacement  
*Important: By submitting the above information you are certifying that this meter was installed to manufacturer standards. For agricultural wells, a list of approved meters is on the MDEQ website.*

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.  
Rayborn Drilling Inc. 0-60 7/27/16  
Print Name of Pump Installer and License No. (if applicable) Date  
Signature of Pump Installer [Signature]  
Form: OLWR-SWR-1B (4/13)

Received  
JUL 28 2016  
By OLWR