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MAR 13 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 39225-2309  
(601)961-5555

(601)961-5228 (fax)

County: Jefferson  
Permit #: \_\_\_\_\_  
Driller: Gary Rayborn  
Date drilling completed: 3/7/18

For Office Use Only:

Well #: N23  
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 (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Demetria Barnes</u>	Latitude: <u>31.628</u> Longitude: <u>-91.125</u>
Mailing Address: _____	<u>31-37-41</u> <u>91-07-30</u>
<u>3343 Stampley Rd.</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Fayette MS 39069</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City State Zip Code	<u>1R 1/4 1R 1/4, Sec 54 T 8 N R 1 E</u>
Telephone No. <u>(504) 515-3271</u>	<u>5</u> Miles <u>SW</u> of <u>Fayette</u>
	(Distance) (Direction) (Nearest Town)

**Well / Borehole Data**

Date drilling started: 3/7/18 Date drilling completed: 3/7/18 Hole depth: 160' 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 (check all applicable):  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 all applicable):  Home  Industrial  Public Supply  Irrigation  Fish Culture

Other (describe): \_\_\_\_\_

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

Static Water Level: 100 feet  above or  (below) land surface Date measured: 3/7/18  
(check one)

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

Well depth: 160' Well grouted to a depth of: 10 feet Type of grout (check one)  Neat Cement  Bentonite  Mix

Casing length: 140 feet Casing diameter: 4 inches Type of casing: PVC

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

Screen slot size: \_\_\_\_\_ inches Setting depth: From 140 feet to 160 feet

Type of completion (check 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*



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

County: Jefferson  
Permit #: \_\_\_\_\_  
Driller: Gary Rayborn  
Date completed: 3/7/18  
*Copy information from block on Part 1*

**For Office Use Only:**  
Well #: N23  
Aquifer: \_\_\_\_\_

*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>		<b>Well Location</b> <u>31-37-41</u> <u>91-07-30</u>	
Owner Name: <u>Demetria Barnes</u>	Latitude: <u>31.628</u>	Longitude: <u>-91.125</u>	
Mailing Address: _____	Method of Lat/Long (check one): Conventional Survey _____,		
<u>3343 Stampley Rd.</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____		
<u>Fayette MS 39069</u>	<u>1R</u> $\frac{1}{4}$ <u>IR</u> $\frac{1}{4}$ , Sec. <u>54</u> T. <u>8N</u> R. <u>1E</u>		
City State Zip Code	<u>5</u> Miles <u>SW</u> of <u>Fayette</u>		
Telephone No. <u>(504) 515-3271</u>	(Distance) (Direction) (Nearest Town)		

**Pump Type (check one)**

Submersible  Turbine  Air Lift  Centrifugal  Flowing Well  Jet  Piston  Rotary  Other (describe): \_\_\_\_\_

Date Pump Installed: 3/7/18 Rated Pump Capacity: 10 Gallons Per Minute

Is This Pump (check one):  New  Repaired  Replacement

**Power Type (check one)**

Electric  Diesel  Gasoline  Natural Gas  Tractor PTO  Windmill  Other (describe): \_\_\_\_\_

Horse Power Rating of Motor: 1 Setting Depth: 130 feet Number of Stages: 12

**Pump Test Data for Non Flowing Well**

Date Well Tested: 3/7/18 Duration of Pump Test (minimum 4 hours): - hours

Static Water Level (A): 100 Feet Below Land Surface Pumping Water Level (B): - Feet Below Land Surface

Drawdown [(B) - (A)]: - Feet Below Land Surface Test Pumping Rate: 10 Gallons Per Minute

Method of measurement (check 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 (check 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 3/12/18  
Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer