

### 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)

County: Sunflower  
 Permit #: GW-49069 ✓  
 Driller: Clarence McMurry  
 Date drilling completed: 8-18-15

**For Office Use Only:**  
 Well #: E 157  
 Aquifer: \_\_\_\_\_  
 E-Log #: \_\_\_\_\_

*State Law requires that this report be prepared by the licensee 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.*

<b>Well Owner Information</b> (Landowner if borehole is not for a water well) Owner Name: <u>Woodard Eubanks &amp; Sons, LLP</u> Mailing Address: <u>15 Maxwell Lane</u> <u>Ruleville</u> <u>MS</u> <u>38271</u> City State Zip Code Telephone No. <u>(662) 588-7486</u>		<b>Well or Borehole Location</b> Latitude: <u>33° 46' 20.45"</u> Longitude: <u>90° 34' 09.08"</u> Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____ Hand-held GPS <input checked="" type="checkbox"/> Survey-grade GPS _____ <u>NE</u> 1/4 <u>SW</u> 1/4, Sec <u>13</u> T <u>22N</u> R <u>09W</u> <u>3</u> Miles <u>NW</u> of <u>Ruleville</u> (Distance) (Direction) (Nearest Town)	
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**Well / Borehole Data**

Date drilling started: 8/18/15 Date drilling completed: 8/18/15 Hole depth: 117' Hole diameter: 26"

Location of the source of any surface water used for drilling: nearby well

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): \_\_\_\_\_

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

Static Water Level: 50 feet (above or below) land surface (circle one) Date measured: 8-19-15

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

Well depth: 117' Well grouted to a depth of: 10' feet Type of grout (circle one): Neat Cement  Bentonite  Mix

Casing length: 77' feet Casing diameter: 16 inches Type of casing: PVC

Screen length: 40' feet Screen diameter: 16 inches Type of screen: PVC

Screen slot size: .050 inches Setting depth: From 77' feet to 117' feet

Type of completion (circle all applicable):  Gravel packed  Underreamed  Open hole  Natural Development

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

Top of lap pipe or reduction in casing: N/A feet

*If telescoped or more than one screen, describe on next page*

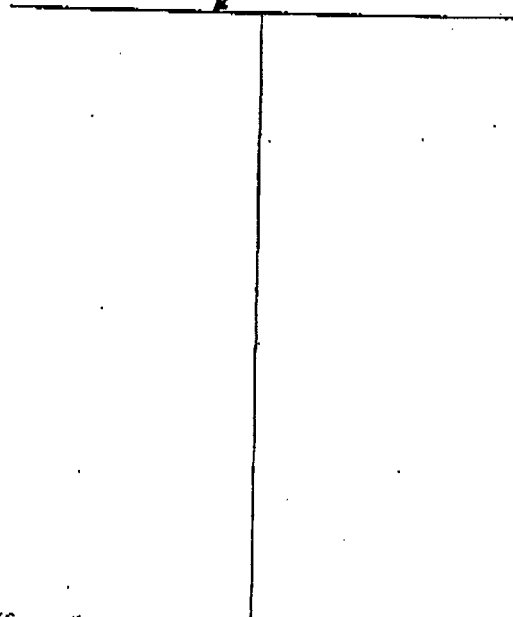
County: Sunflower  
 Permt #: GW-49069

For Office Use Only:  
 Well #: E157

*The sketch below only required for water wells*

*If well telescopes, show depths on sketch.*

Ground Level  $\rightarrow$



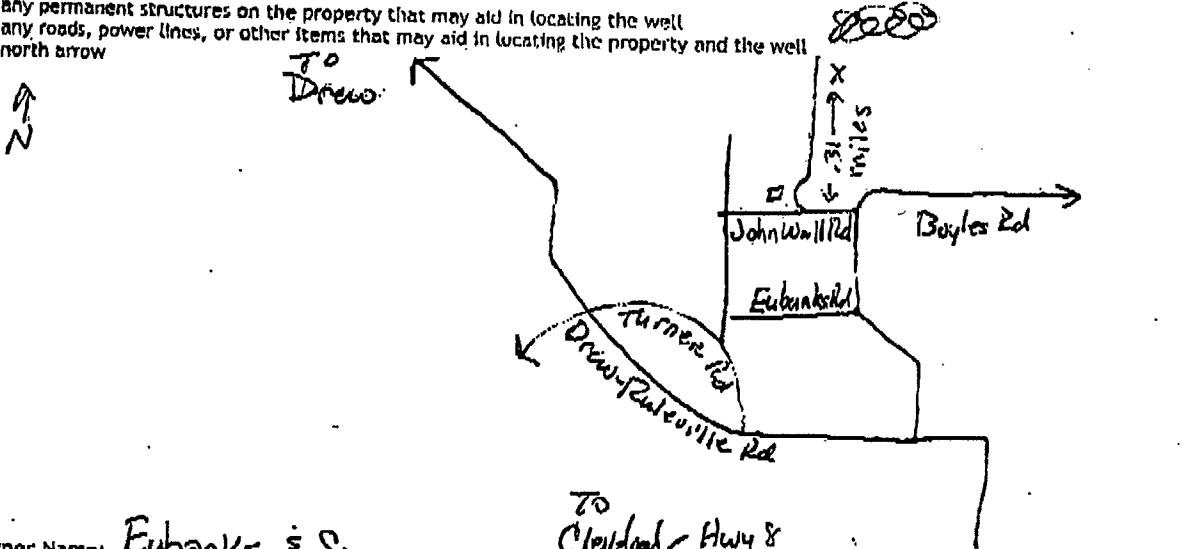
*Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations*

Description of Formations Encountered	From (depth)	To (depth)
Clay	Ground level	9
Medium Sand & Clay	9	47
Coarse Sand & Fine Gravel	47	68
Coarse Sand & Gravel	68	117

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: Eubanks & Son

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.

Clayton Miller 0-703 8-31-15 Clayton Miller  
 Print Name of Responsible Licensee and License No.      Date      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)

#### For Office Use Only:

Well #: E157  
 Aquifer: \_\_\_\_\_

County: Sunflower  
 Permit #: GW-49069  
 Driller: John Rybolt IV  
 Date completed: 8-19-15  
*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>Woodard Eubank's Sons, LLP</u>			Latitude: <u>33° 46' 20.45"</u> Longitude: <u>90° 34' 09.08"</u>		
Mailing Address: <u>15 Maxwell Lane</u>			Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <u>0</u> , Survey-grade GPS _____		
<u>Ruleville</u> City	<u>MS</u> State	<u>38771</u> Zip Code	<u>NE 1/4 SW 1/4, Sec 13 T22N R04W</u>		
Telephone No. <u>(662) 588-7486</u>			<u>3</u> Miles <u>NW</u> of <u>Ruleville</u> (Distance) (Direction) (Nearest Town)		

**Pump Type (circle one)**  
 Submersible  Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): \_\_\_\_\_  
 Date Pump Installed: 8-19-15 Rated Pump Capacity: \_\_\_\_\_ 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): Gear Drive  
 Horse Power Rating of Motor: 60 Setting Depth: 70 feet Number of Stages: 1

**Pump Test Data for Non Flowing Well**  
 Date Well Tested: NOT TESTED Duration of Pump Test (minimum 4 hours): N/A hours  
 Static Water Level (A): 50 Feet Below Land Surface Pumping Water Level (B): N/A Feet Below Land Surface  
 Drawdown [(B) - (A)]: N/A Feet Below Land Surface Test Pumping Rate: N/A Gallons Per Minute  
 Method of measurement (circle one): Steel tape  Electric tape  Air line Other (describe): \_\_\_\_\_

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

**Meter Installation** N/A  
 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.  
Clayton Miller 0-703 8-31-15 Clayton Miller  
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer



Dean A. Pennington, PhD  
Executive Director

P. O. Box 129  
Stoneville, MS 38776

Tel.: (662) 686-7712

Fax: (662) 686-9078

www.ymd.org

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Yazoo Mississippi Delta Joint Water Management District

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E157

August 17, 2015

Eubanks & Son  
15 Maxwell Lane  
Ruleville, MS 38771

RE: Receipt for Notification of Construction of Replacement Well MS-GW-49069  
which will be replacing MS-GW-42548 located at  
Location: NE ¼ of the SW ¼ Section 13 Township 22N Range 04W County Sunflower  
Latitude: 334621 Longitude: 903408

Dear Eubanks & Son,

This letter acknowledges your notification to the state that you intend to replace a previously permitted well in the Mississippi River Valley Alluvial Aquifer and that this replacement construction will meet the requirements for a groundwater replacement well specified in 11 Miss. Admin. Code Part 7, Chapter 1, Rule 1.4.F.1 (see attached/back of page). Construction may begin immediately on your replacement well.

Remember that you are still required to submit a permit application (enclosed) for the replacement well within 5 days of construction beginning. You are also required to properly decommission (plug and abandon) the replaced well within 180 days of the replacement well's construction.

A copy of this letter, or a water use permit for the replacement well, must be attached to the State Well Report submitted by your driller to MDEQ and they must also submit a copy to YMD, as specified in the Water Well Contractor regulations found in 11 Miss. Admin. Code Part 7, Chapter 2, Rule 2.9.

If you have any questions, please call YMD at 662-686-7712.

Sincerely,

*Dillard Melton Jr.*

Dillard Melton Jr.  
Permitting Director