

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)

For Office Use Only:

Well #: 0170
Aquifer: _____
E-Log #: _____

County: Bolivar
Permit #: GW-49158 ✓
Driller: J. Newome 0-713
Date drilling completed: 5/30/16

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.

Well Owner Information (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Barry, EM, Estate</u>	Latitude: <u>33.38.19</u> Longitude: <u>90 57 46</u>
Mailing Address: <u>PO Box 128</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Sugar Grove</u> City	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>NC</u> State	<u>SW NW 1/4 NE SE 1/4, Sec 30 T 21N R 08W</u>
<u>28679</u> Zip Code	<u>2.9</u> Miles <u>East</u> of <u>Benoit</u> TW
Telephone No. () _____	(Distance) (Direction) (Nearest Town)

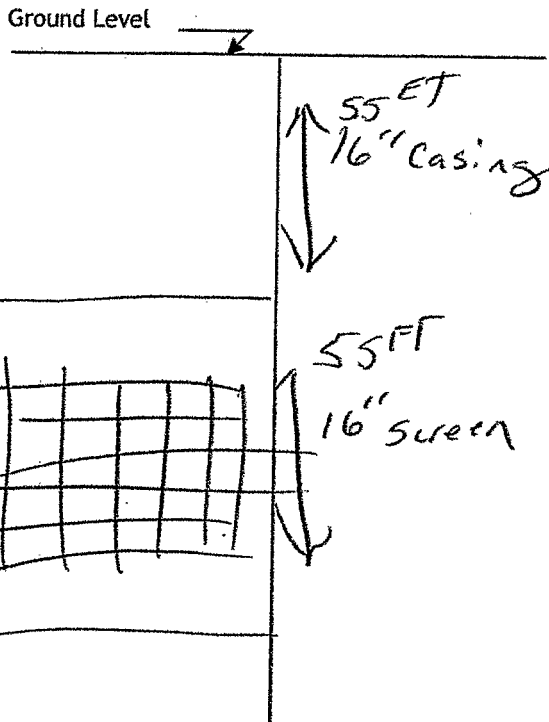
Well / Borehole Data	
Date drilling started: <u>5/30/16</u> Date drilling completed: <u>5/30/16</u> Hole depth: <u>112</u> Hole diameter: <u>24</u>	
Location of the source of any surface water used for drilling: <u>Ditch</u>	
Method of dosing and volume of Chlorine used in drilling and development: <u>Tablets</u>	
Logs run (circle all applicable): <input checked="" type="radio"/> No log run <input type="radio"/> Electric <input type="radio"/> Gamma Ray <input type="radio"/> Density <input type="radio"/> Sonic <input type="radio"/> Neutron <input type="radio"/> Other: _____	
Name of organization running log(s): _____	
Purpose of borehole (circle one): <input checked="" type="radio"/> Water Well <input type="radio"/> Geotechnical/Geological Investigation <input type="radio"/> Ground Source Heat Pump	
<input type="radio"/> Seismic Survey <input type="radio"/> Other (describe) _____	
<i>If drilling is not related to water well construction, skip the remainder of this block</i>	
Purpose of Well (circle all applicable): Home <input type="radio"/> Industrial <input type="radio"/> Public Supply <input type="radio"/> <input checked="" type="radio"/> Irrigation <input type="radio"/> Fish Culture	
Other (describe): _____	
If a flowing well, method of flow regulation: Valve _____ Other (describe) <u>RECEIVED</u>	
Static Water Level: _____ feet [above or below] land surface (circle one) Date measured: <u>MAR 16 2017</u>	
Method of measurement (circle one): Steel tape <input type="radio"/> Electric tape <input type="radio"/> Air line <input type="radio"/> Other (describe): <u>BY OLWR</u>	
Well depth: <u>110</u> Well grouted to a depth of: <u>10</u> feet Type of grout (circle one): Neat Cement <input type="radio"/> <input checked="" type="radio"/> Bentonite <input type="radio"/> Mix	
Casing length: <u>55</u> feet Casing diameter: <u>16</u> inches Type of casing: <u>PVC</u>	
Screen length: <u>55</u> feet Screen diameter: <u>16</u> inches Type of screen: <u>PVC</u>	
Screen slot size: <u>.050</u> inches Setting depth: From <u>55</u> feet to <u>110</u> feet	
Type of completion (circle all applicable): <input checked="" type="radio"/> Gravel packed <input type="radio"/> Underreamed <input type="radio"/> Open hole <input type="radio"/> Natural Development	
Other (describe): _____	
Top of lap pipe or reduction in casing: _____ feet	
<i>If telescoped or more than one screen, describe on next page</i>	

County: Bolivar
 Permit #: GW-49158

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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)
Top Soil	Ground level	10
Clay	10	20
Fine Sand	20	55
Sand	55	65
Med Sand	65	75
Med Course	75	90
Course	90	95
Med Course	95	110
Bottom	110	112

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

See Map

Landowner Name: _____

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.

JOHN NEWCOME 0.773 9.2.16 John Newcome
 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 #: 0170
 Aquifer: _____

County: Bolivar
 Permit #: 6W-49158
 Driller: J. Newcome O.T.13
 Date completed: 5/30/16
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>Barry, EM Estate</u>	Latitude: <u>33.38.19</u> Longitude: <u>90.57.46</u>
Mailing Address: <u>P.O. Box 128</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Sugar Grove</u> <u>NC</u> <u>28679</u>	<u>S00NW 1/4 NE SE 1/4, Sec 30 T21N R08W</u>
City _____ State _____ Zip Code _____	<u>2.9</u> Miles <u>East</u> of <u>Benoit</u> <u>TW</u>
Telephone No. () _____	(Distance) (Direction) (Nearest Town)

Pump Type (circle one)

Submersible Air Lift _____ Centrifugal _____ Flowing Well _____ Jet _____ Piston _____ Rotary _____ Other (describe): _____

Date Pump installed: 6/15/16 Rated Pump Capacity: 2500 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: 6.0 Setting Depth: 70 feet Number of Stages: 1

Pump Test Data for Non Flowing Well

Date Well Tested: _____ Duration of Pump Test (minimum 4 hours): _____ hour

Static Water Level (A): Not Tested Feet Below Land Surface Pumping Water Level (B): _____ Feet Below Land Surface

Drawdown [(B) - (A)]: _____ Feet Below Land Surface Test Pumping Rate: _____ 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. Not Tested

Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping

Meter Installation

Meter Manufacturer: McCrometer Meter Serial Number: 16-01820

Meter Model Number/Name: M0310 Type of Meter: propeller

Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): AF x 001

Installation Date: 6/15/16 Meter installed by: Chicot Irrigation

Is This Meter (circle one): New _____ Repaired _____ Replacement _____

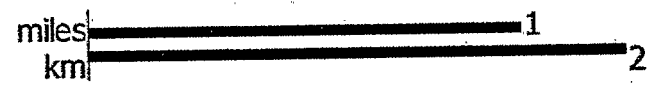
Important: By submitting the above information you are certifying that this meter was installed to manufacturer standards For agricultural wells, a list of approved meters is on the MDEQ website.

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

Hubbard Stephens 741-D 8/4/16 [Signature]
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer



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 MAR 16 2017