

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)

For Office Use Only:

Well #: A104
Aquifer: _____
E-Log #: _____

County: Tate
Permit #: _____
Driller: W. Bryant
Date drilling completed: 10-27-18

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>Chris Gant</u>	Latitude: <u>34° 43.03' N</u> Longitude: <u>090° 10.26' W</u>
Mailing Address: <u>1221 Moore Rd.</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Coldwater</u> <u>MS</u> <u>38618</u> City State Zip Code	<u>SW 1/4 SE 1/4, Sec 20 T 45 R 9W</u>
Telephone No. <u>(662) 288-6636</u>	<u>5 1/2</u> Miles <u>W</u> of <u>Arkabutla MS</u> (Distance) (Direction) (Nearest Town)

Well / Borehole Data
Date drilling started: <u>10-29-18</u> Date drilling completed: <u>10-29-18</u> Hole depth: <u>220'</u> Hole diameter: <u>7"</u>
Location of the source of any surface water used for drilling: <u>Nearby Ditch</u>
Method of dosing and volume of Chlorine used in drilling and development: <u>Chlorine Tablets</u>
Logs run (check all applicable): <input type="checkbox"/> log run <input type="checkbox"/> Electric <input type="checkbox"/> Gamma Ray <input type="checkbox"/> Density <input type="checkbox"/> Sonic <input type="checkbox"/> Neutron Other: _____
Name of organization running log(s): _____
Purpose of borehole (check one): Water Well <input checked="" type="checkbox"/> Geotechnical/Geological Investigation <input type="checkbox"/> Ground Source Heat Pump <input type="checkbox"/> <input type="checkbox"/> Seismic Survey Other (describe) _____
<i>If drilling is not related to water well construction, skip the remainder of this block</i>
Purpose of Well (check all applicable): <input checked="" type="checkbox"/> Home <input type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Fish Culture
Other (describe): _____
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____
Static Water Level: <u>85</u> feet <input type="checkbox"/> above or <input checked="" type="checkbox"/> below land surface Date measured: <u>10-28-18</u> (check one)
Method of measurement (check one) <input type="checkbox"/> Steel tape <input type="checkbox"/> Electric tape <input type="checkbox"/> Air line <input type="checkbox"/> Other (describe): <u>water level meter</u>
Well depth: <u>220</u> Well grouted to a depth of: <u>12</u> feet Type of grout (check one) <input type="checkbox"/> Neat Cement <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Mix
Casing length: <u>190</u> feet Casing diameter: <u>4</u> inches Type of casing: <u>PVC SCH-40</u>
Screen length: <u>30</u> feet Screen diameter: <u>4</u> inches Type of screen: <u>PVC slotted</u>
Screen slot size: <u>0.008</u> inches Setting depth: From <u>190</u> feet to <u>220</u> feet
Type of completion (check all applicable) <input checked="" type="checkbox"/> gravel packed <input type="checkbox"/> Underreamed <input type="checkbox"/> Open hole <input checked="" type="checkbox"/> Natural Development
Other (describe): _____
Top of lap pipe or reduction in casing: <u>-0-</u> feet
<i>If telescoped or more than one screen, describe on next page</i>

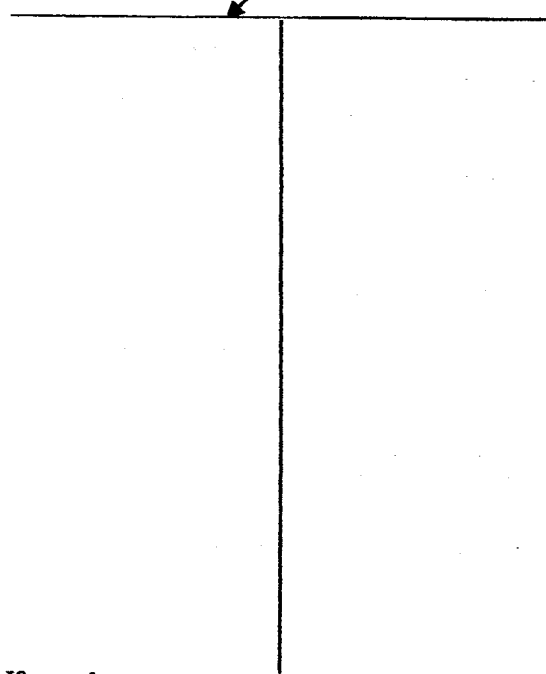
County: _____
 Permit #: _____

For Office Use Only:
 Well #: A104

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level →



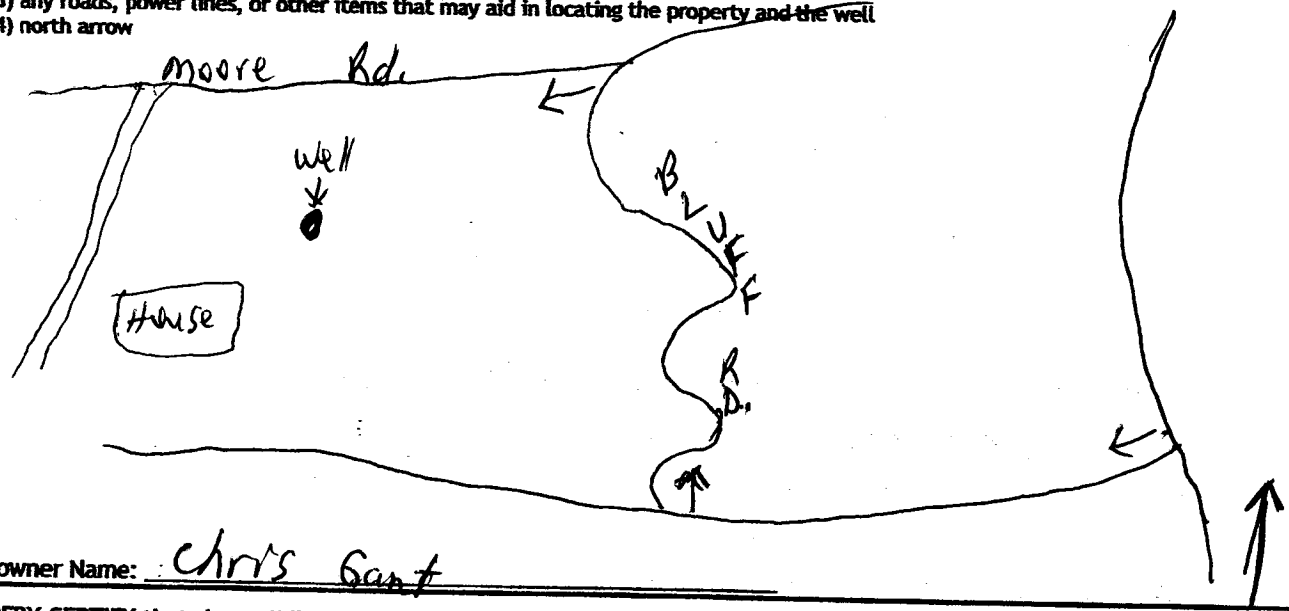
Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
red clay & sand	Ground level	40
red clay & gravel	40	80
clay & fine sand	80	120
coarse white sand	120	220

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: Chris Sant

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.

Willie L. Bryant 0-639 11-7-18 Willie L. Bryant
 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 #: A104
 Aquifer: _____

County: Tate
 Permit #: _____
 Driller: W. Bryant
 Date completed: 10-28-18
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>Chris Gant</u>	Latitude: <u>34° 43.03' N</u> Longitude: <u>090° 10.26' W</u>
Mailing Address: <u>1221 Moore Rd</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Coldwater</u> <u>MS</u> <u>38618</u> City State Zip Code	<u>SW 1/4 SE 1/4, Sec 20 T 45 R 9 W</u> <u>5 1/2</u> Miles <u>W</u> of <u>Arkabutla MS</u> (Distance) (Direction) (Nearest Town)
Telephone No. <u>(662) 288-6636</u>	

Pump Type (check one)

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

Date Pump Installed: 10-28-18 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 HP Setting Depth: 140 feet Number of Stages: 11

Pump Test Data for Non Flowing Well

Date Well Tested: 10-28-18 Duration of Pump Test (minimum 4 hours): 2 days hours

Static Water Level (A): 85 Feet Below Land Surface Pumping Water Level (B): 89 Feet Below Land Surface

Drawdown [(B) - (A)]: 4 Feet Below Land Surface Test Pumping Rate: 13 Gallons Per Minute

Method of measurement (check one): Steel tape Electric tape Air line Other (describe): water level meter

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: RECEIVED

Meter Model Number/Name: _____ Type of Meter: JAN 29 2013

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

Installation Date: _____ Meter installed by: OLWR

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.

Willie L. Bryant 0-639 11-7-18 Willie L. Bryant
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer