

# 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)

435

#### For Office Use Only:

Well #: F 190  
Aquifer: \_\_\_\_\_  
E-Log #: \_\_\_\_\_

County: Marshall  
Permit #: 0162  
Driller: Larry Carpenter  
Date drilling completed: 11-20-19

*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>David Fant</u>	Latitude: <u>34° 86' 50.3"</u> Longitude: <u>89° 53' 7.31"</u>
Mailing Address: <u>1275 Moore Rd</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Holly Springs MS 38635</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City _____ State _____ Zip Code _____	<u>SE</u> ¼ <u>SW</u> ¼, Sec <u>31</u> T <u>25</u> R <u>3W</u>
Telephone No. <u>662 544 3824</u>	<u>4</u> Miles <u>N</u> of <u>Red Bank MS</u>
	(Distance) (Direction) (Nearest Town)

Well / Borehole Data
Date drilling started: <u>11-20-19</u> Date drilling completed: <u>11-20-19</u> Hole depth: <u>140</u> Hole diameter: <u>8</u>
Location of the source of any surface water used for drilling: <u>Well water</u>
Method of dosing and volume of Chlorine used in drilling and development: <u>1/2 Pd Chlorine to 1000 gal water</u>
Logs run (circle all applicable): <input checked="" type="checkbox"/> No log run <input type="checkbox"/> Electric <input type="checkbox"/> Gamma Ray <input type="checkbox"/> Density <input type="checkbox"/> Sonic <input type="checkbox"/> Neutron <input type="checkbox"/> Other: _____
Name of organization running log(s): _____
Purpose of borehole (circle one): <input checked="" type="checkbox"/> Water Well <input type="checkbox"/> Geotechnical/Geological Investigation <input type="checkbox"/> Ground Source Heat Pump
Seismic Survey 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): <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>70</u> feet [above or <input checked="" type="checkbox"/> below] land surface Date measured: <u>11-20-19</u>
Method of measurement (circle one): <input checked="" type="checkbox"/> Steel tape <input type="checkbox"/> Electric tape <input type="checkbox"/> Air line Other (describe): _____
Well depth: <u>140</u> Well grouted to a depth of: <u>10</u> feet Type of grout (circle one): <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite Mix
Casing length: <u>130</u> feet Casing diameter: <u>4</u> inches Type of casing: <u>PVC</u>
Screen length: <u>10</u> feet Screen diameter: <u>4</u> inches Type of screen: <u>PVC</u>
Screen slot size: <u>0.013</u> inches Setting depth: From <u>130</u> feet to <u>140</u> feet
Type of completion (circle all applicable): <input checked="" type="checkbox"/> Gravel packed <input type="checkbox"/> Underreamed <input type="checkbox"/> Open hole <input type="checkbox"/> 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>

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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)

**For Office Use Only:**

Well #: F 190  
 Aquifer: \_\_\_\_\_

County: Marshall  
 Permit #: 0162  
 Driller: Larry Carpenter  
 Date completed: 11-20-19  
*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>David Fant</u>	Latitude: <u>34° 8' 60.503"</u> Longitude: <u>89° 5' 38.731"</u>
Mailing Address: <u>1275 Moore Rd</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Holly Springs</u> <u>MS</u> <u>38635</u>	<u>SE</u> 1/4 <u>SW</u> 1/4, Sec <u>32</u> T <u>25</u> R <u>3W</u>
City State Zip Code	<u>4</u> Miles <u>N</u> of <u>Red Banks</u>
Telephone No. <u>662</u> <u>544-3824</u>	(Distance) (Direction) (Nearest Town)

**Pump Type (circle one)**

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

Date Pump Installed: 11-21-2019 Rated Pump Capacity: 10 gal 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: 3/4 Setting Depth: 100 feet Number of Stages: 12

**Pump Test Data for Non Flowing Well**

Date Well Tested: 11-21-2019 Duration of Pump Test (minimum 4 hours): 4 hours

Static Water Level (A): 70 Feet Below Land Surface Pumping Water Level (B): 75 Feet Below Land Surface

Drawdown [(B) - (A)]: 5 Feet Below Land Surface Test Pumping Rate: 10 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.*

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

Larry Carpenter #0162 11-20-19 Larry Carpenter  
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

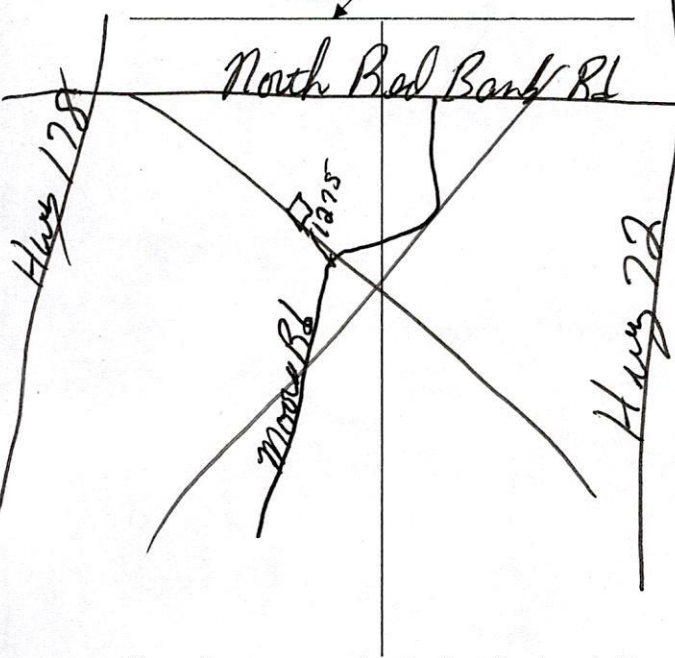
County: Marshall  
 Permit #: 0162

For Office Use Only:  
 Well #: \_\_\_\_\_

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level →



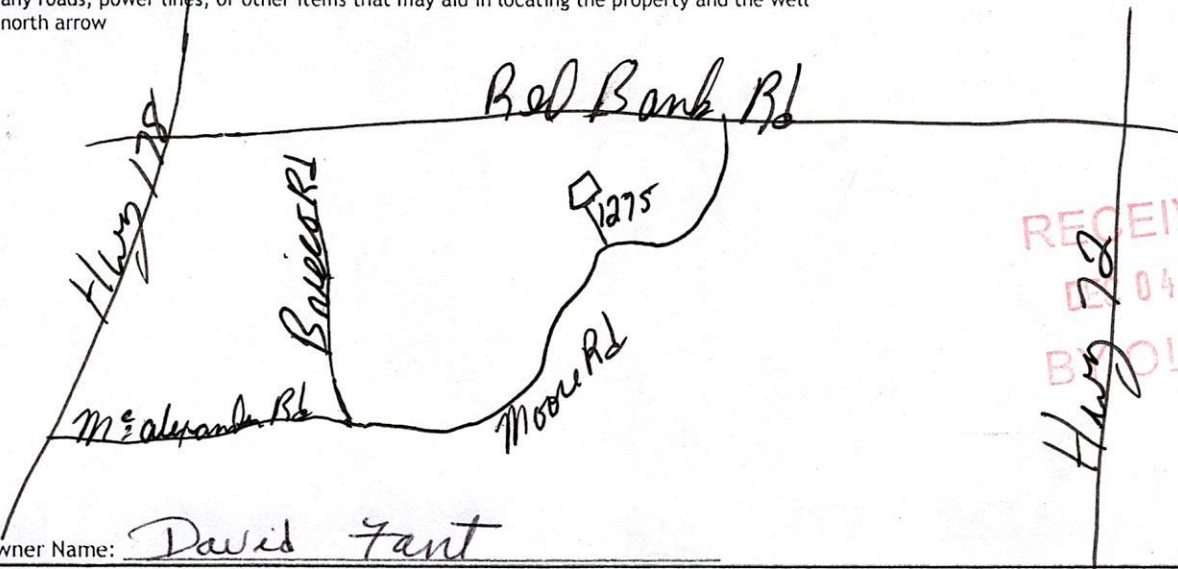
Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth) Ground level	To (depth)
Top Surface Soil	0	18
Red Clay	18	28
Red Sand	28	42
White Clay	42	64
Fine Sand	64	85
medium white sand	85	104
Course white sand	104	140

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: David Fant

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.

Larry Carpenter #0162 11-20-19 Larry Carpenter  
 Print Name of Responsible Licensee and License No. Date Signature of Licensee