

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 #: C51
Aquifer:
E-Log #:

County: Marshall
Permit #: 0-162
Driller: Larry Carpenter
Date drilling completed: 10-20-17

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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)
Owner Name: Tyler Sanders
Mailing Address: 185 Concord Rd
Lamar MS 38642
Telephone No. (662) 574-4513
Well or Borehole Location
Latitude: 34° 58' 37" Longitude: 89° 26' 06"
Method of Lat/Long (check one): Conventional Survey
USGS quad SE 1/4 SW 1/4, Sec. 20 T 19 R 2W
2 Miles N of Slayden
(Distance) (Direction) (Nearest Town)

Well / Borehole Data
Date drilling started: 10-20-17 Date drilling completed: 10-20-17 Hole depth: 142' Hole diameter: 8"
Location of the source of any surface water used for drilling: Well water
Method of dosing and volume of Chlorine used in drilling and development: 1/2 Pt. Chlorine to 1000 Gal. Water
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: 70 feet (above or below land surface) Date measured: 10-20-17
Method of measurement (circle one): Steel tape Electric tape Air line Other (describe)
Well depth: 142' Well grouted to a depth of: 10 feet Type of grout (circle one): Neat Cement Bentonite Mix
Casing length: 132 feet Casing diameter: 4 inches Type of casing: PVC
Screen length: 10 feet Screen diameter: 4 inches Type of screen: PVC
Screen slot size: .013 inches Setting depth: From 132 feet to 142 feet
Type of completion (circle 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

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 #: C51

Aquifer: _____

County: Marshall
 Permit #: 0-162
 Driller: Larry Carpenter
 Date completed: 10-20-17
 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>Tyler Sanders</u>	Latitude: <u>34° 58' 616</u>	Longitude: <u>89° 26' 102</u>	
Mailing Address: <u>185 Concord Rd</u>	Method of Lat/Long (check one): Conventional Survey <u>06</u>		
<u>Lamar</u> <u>MS</u> <u>38642</u>	USGS quad _____, Hand-held GPS <u>X</u> , Survey-grade GPS _____		
City _____ State _____ Zip Code _____	<u>SE</u> $\frac{1}{4}$ <u>SW</u> $\frac{1}{4}$, Sec <u>20</u> T <u>15</u> R <u>2W</u>		
Telephone No. (<u>662</u>) <u>574-4513</u>	<u>2</u> Miles <u>N</u> of <u>Slayden</u>	(Distance)	(Direction) (Nearest Town)

Pump Type (circle one)

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

Date Pump Installed: 10-20-17 Rated Pump Capacity: 10 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: 9

Pump Test Data for Non Flowing Well

Date Well Tested: 10-20-17 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: 15 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.

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

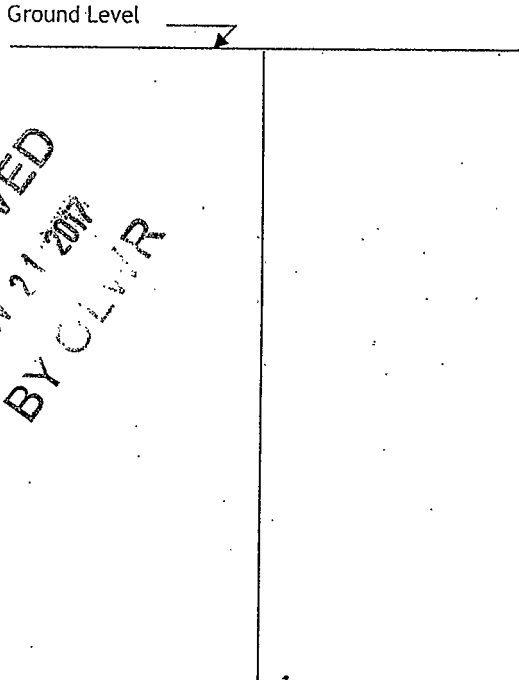
Larry Carpenter - 0-162 10-28-17 Larry Carpenter
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

County: Marshall
 Permit #: 0-162

For Office Use Only:
 Well #: CS1

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

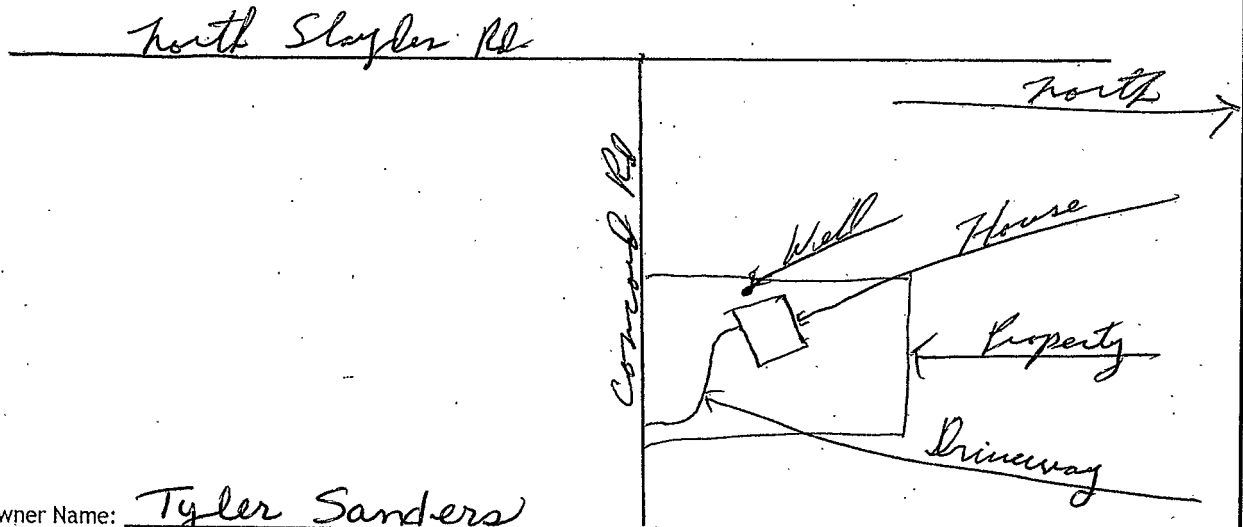
Description of Formations Encountered	From (depth) Ground level	To (depth)
Surface Soil	0	18
Med. Red Sand	18	35
Med. White Sand	35	80
White Clay	80	86
Med. White Sand	86	110
White coarse Sand	110	142

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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: Tyler Sanders

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 0-162 10-28-17 Larry Carpenter
 Print Name of Responsible Licensee and License No. Date Signature of Licensee