

STATE WELL REPORT

Part I

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 #: Q0049
 Aquifer: _____
 E-Log #: _____

County: Amite

Permit #: MS-GW-17277

Driller: Aldric Jones

Date drilling completed: 11-3-17

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>Town of Centreville</u>			Latitude: <u>31° 04' 33"</u> Longitude: <u>91° 03' 28.5"</u>		
Mailing Address: <u>% JKS Engineers</u>			Method of Lat/Long (check one): Conventional Survey _____		
<u>279 Lower Woodville Rd</u>			USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____		
<u>Natchez</u>	<u>MS</u>	<u>39120</u>	<u>NW 1/4 SW 1/4 Sec 17 T 1N R 2E</u>		
City	State	Zip Code	<u>1.4</u> Miles <u>SE</u> of <u>Centerville</u>		
Telephone No. <u>(601) 442-3628</u>			(Distance) (Direction) (Nearest Town)		

Well / Borehole Data

Date drilling started: 10/10/16 Date drilling completed: 8/15/17 Hole depth: 404' Hole diameter: 12"

Location of the source of any surface water used for drilling: City water

Method of dosing and volume of Chlorine used in drilling and development: 5000 gallons 50p/m

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____

Name of organization running log(s): Teaco Geophysical

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: 174' feet (above or below land surface (circle one)) Date measured: 8-18-17

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

Well depth: 400' Well grouted to a depth of: 346 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 346 feet Casing diameter: 16 inches Type of casing: Steel

Screen length: 50 feet Screen diameter: 10 inches Type of screen: Stainless Steel

Screen slot size: 1.020 inches Setting depth: From 350' feet to 400' feet

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

Other (describe): _____

Top of tap pipe or reduction in casing: 286 feet

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

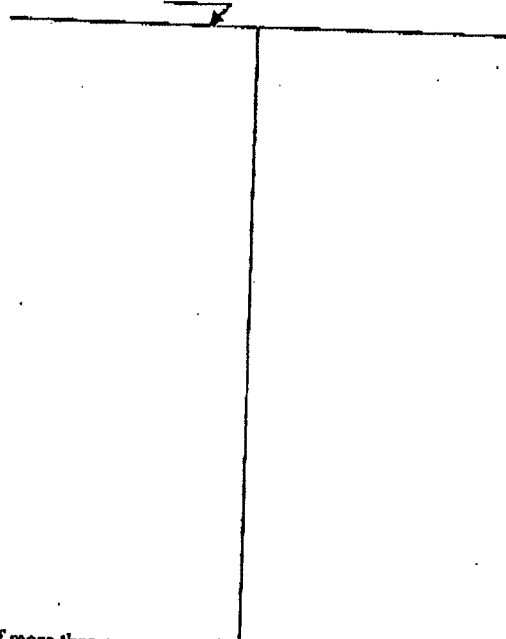
County: Amite
Permit #: MS-GW-17277

For Office Use Only:
Well #: 00049

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level →



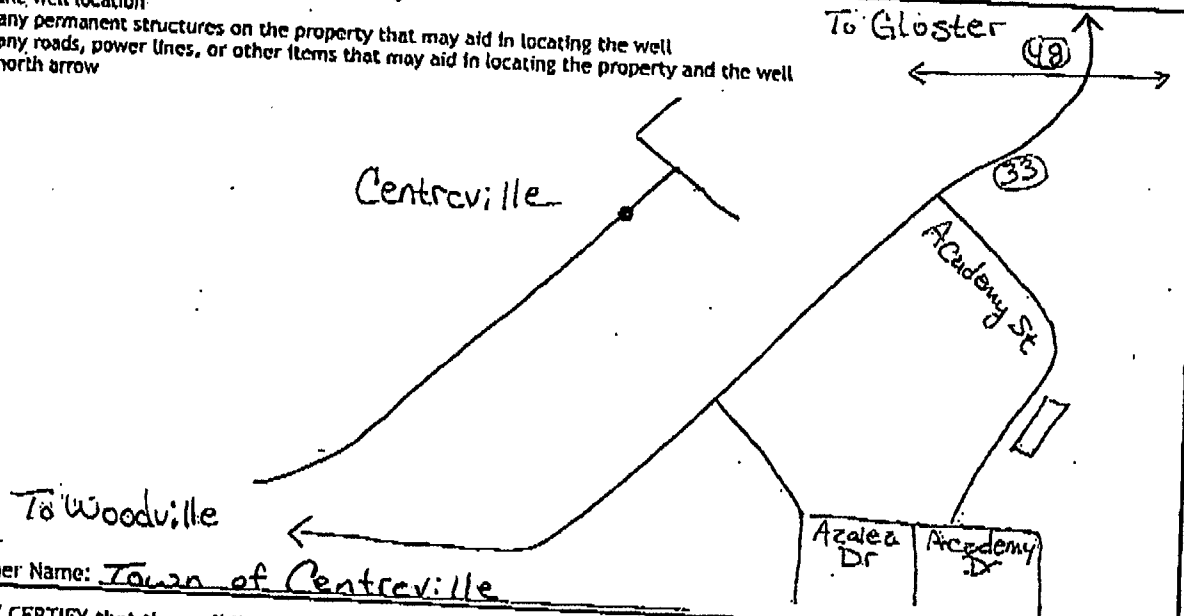
Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations.

Description of Formations Encountered	From (depth)	To (depth)
Clay	Ground level	12
Sandy Clay	12	18
Sand	18	25
Coarse Sand & Gravel	25	70
Clay	70	97
Sand	97	181
Sandy Clay	181	235
Clay	235	280
Sandy Clay	280	302
Sand w/ Clay	302	317
Sand	317	395
Sandy Clay	395	408
Clay	408	486

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: Town of Centreville

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
Print Name of Responsible Licensee and License No.

10/23/17
Date

Clayton Miller
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)

County: Amite
 Permit #: MS-GW-17277
 Driller: Tommy Fortenberry
 Date completed: 8-10-17
Copy information from block on Part 1

For Office Use Only:
 Well #: Q0049
 Aquifer: _____

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>Town of Centreville</u>	Latitude: <u>31° 04' 33"</u>	Longitude: <u>91° 03' 22.85"</u>	
Mailing Address: <u>90 JKS Engineers</u>	Method of Lat/Long (check one): Conventional Survey _____		
<u>279 Lower Woodville Rd</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> Survey-grade GPS _____		
<u>Natchez</u> <u>MS</u> <u>39120</u>	<u>NW</u> $\frac{1}{4}$ <u>SW</u> $\frac{1}{4}$, Sec <u>7</u> T <u>1N</u> R <u>2E</u>		
City State Zip Code	<u>1.4</u> Miles <u>SE</u> of <u>Centreville</u>		
Telephone No. <u>(601) 442-3628</u>	(Distance)	(Direction)	(Nearest Town)

Pump Type (circle one)

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

Date Pump Installed: 8-10-17 Rated Pump Capacity: 700 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: 60 Setting Depth: 280' feet Number of Stages: 5

Pump Test Data for Non Flowing Well

Date Well Tested: 8-18-17 Duration of Pump Test (minimum 4 hours): 8 hours

Static Water Level (A): 174 Feet Below Land Surface Pumping Water Level (B): 221 Feet Below Land Surface

Drawdown [(B) - (A)]: 47 Feet Below Land Surface Test Pumping Rate: 700 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: 65 feet.

Well yielded 700 GPM with a drawdown of 47 feet after 8 hours of pumping

Meter Installation

Meter Manufacturer: McCrometer Meter Serial Number: 20170468-08

Meter Model Number/Name: M404 Type of Meter: FIXED FLOW

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

Installation Date: 8-10-17 Meter installed by: Mid South Water LLC

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 10/23/17 Clayton Miller
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer