

STATE WELL REPORT

315

County: Lamar
 Permit #: _____
 Driller: James M. Wells
 Date drilling completed: 6-25-19

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 #: F 103
 Aquifer: _____
 E-Log #: _____

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.

<p>Well Owner Information (Landowner if borehole is not for a water well)</p> <p>Owner Name: <u>Grant Hartfield</u></p> <p>Mailing Address: _____ <u>14 Ocean Warrior Ln.</u> <u>Lumberton MS 39455</u> City State Zip Code</p> <p>Telephone No. (____) _____</p>	<p>Well or Borehole Location</p> <p>Latitude: <u>31° 11.25' N</u> Longitude: <u>89° 37.38' W</u> <u>31° 11' 25.85" N 89° 37' 38.61" W</u></p> <p>Method of Lat/Long (check one): Conventional Survey _____</p> <p>USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____</p> <p><u>NW</u> ¼ <u>SE</u> ¼, Sec <u>29</u> T <u>3N</u> R <u>16W</u></p> <p>_____ Miles _____ of _____ (Distance) (Direction) (Nearest Town)</p>
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Well / Borehole Data

Date drilling started: 6-25-19 Date drilling completed: 6-25-19 Hole depth: 345 Hole diameter: 7 1/2"

Location of the source of any surface water used for drilling: Plumming creek

Method of dosing and volume of Chlorine used in drilling and development: granule chlorine

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

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Purpose of Well (circle all applicable): Home Industrial Public Supply Irrigation Fish Culture
 Other (describe): Farm/cattle

If a flowing well, method of flow regulation: Valve _____ Other (describe) _____

Static Water Level: 1100 feet [above or below land surface] (circle one) Date measured: 6-25-19

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

Well depth: 345 Well grouted to a depth of: 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 325 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 20 feet Screen diameter: 4 inches Type of screen: PVC

Screen slot size: .008 inches Setting depth: From 325 feet to 345 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

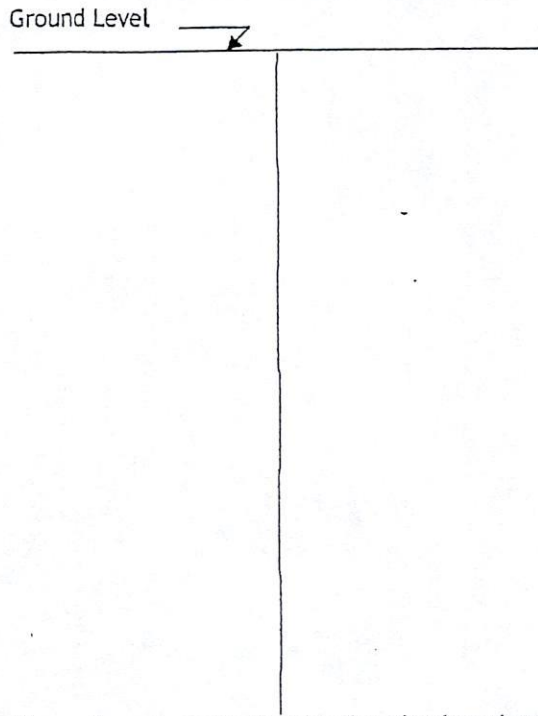
If telescoped or more than one screen, describe on next page

County: Lamar
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The sketch below only required for water wells

If well telescopes, show depths on sketch.



If more than one screen, show location of each 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)
topsoil	Ground level	1
clay	1	285
sand	285	345

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

xwell



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Landowner Name: Grant Hartfield

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.

James M. Wells 00005889 7-18-19 James M. Wells
 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)

County: Lamar
Permit #: _____
Driller: James M. Wells
Date completed: 6-25-19
Copy information from block on Part 1

For Office Use Only:
Well #: F 103
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>Grant Hartfield</u>	Latitude: <u>31° 11.25' N</u> Longitude: <u>89° 37.38' W</u>
Mailing Address: _____ <u>14 Ocean Warrior Ln.</u>	Method of Lat/Long (check one): Conventional Survey _____, ^{31° 11' 25.85"} ^{89° 37' 38.61"}
<u>Lumberton</u> <u>MS</u> <u>39455</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City State Zip Code	<u>MW</u> <u>1/4 SE</u> <u>1/4</u> , Sec. <u>29</u> T. <u>3N</u> R. <u>16W</u>
Telephone No. (____) _____	_____ Miles _____ of _____ (Distance) (Direction) (Nearest Town)

Pump Type (circle one)
 Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____
Date Pump Installed: 6-25-19 Rated Pump Capacity: 12 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: 1 Setting Depth: 220 feet Number of Stages: 14

Pump Test Data for Non Flowing Well
Date Well Tested: 6-25-19 Duration of Pump Test (minimum 4 hours): 4 hours
Static Water Level (A): 160 Feet Below Land Surface Pumping Water Level (B): 220 Feet Below Land Surface
Drawdown [(B) - (A)]: 178 Feet Below Land Surface Test Pumping Rate: 17 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.
James M. Wells 00005889 7-18-19 James M. Wells
Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer