

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 #: N175
Aquifer: _____
E-Log #: _____

County: Amite
Permit #: _____
Driller: James M. Wells
Date drilling completed: 6-5-15

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: <u>Gorge McKnight</u> Mailing Address: _____ <u>2730 Pond Lane</u> <u>Liberty</u> <u>MS</u> <u>39045</u> City State Zip Code Telephone No. (<u>504</u>) <u>401-0431</u>	Well or Borehole Location <u>31° 06' 05" Well or Borehole Location 90° 47' 53"</u> Latitude: <u>31°06.098</u> Longitude: <u>090°47.884</u> Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____ <u>NW</u> ¼ <u>NW</u> ¼, Sec <u>41</u> T <u>2N</u> R <u>4E</u> <u>8</u> Miles <u>S</u> of <u>Liberty</u> (Distance) (Direction) (Nearest Town)
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Well / Borehole Data Date drilling started: <u>6-5-15</u> Date drilling completed: <u>6-5-15</u> Hole depth: <u>140</u> Hole diameter: <u>7 1/2"</u> Location of the source of any surface water used for drilling: <u>running creek</u> Method of dosing and volume of Chlorine used in drilling and development: <u>granule chlorine</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 <input type="checkbox"/> Seismic Survey <input type="checkbox"/> 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>100</u> feet [above or <input checked="" type="checkbox"/> below] land surface Date measured: <u>6-5-15</u> (circle one)	
Method of measurement (circle one): <input checked="" type="checkbox"/> Steel tape <input type="checkbox"/> Electric tape <input type="checkbox"/> Air line <input type="checkbox"/> 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 <input type="checkbox"/> Mix	
Casing length: <u>120</u> feet Casing diameter: <u>4</u> inches Type of casing: <u>PVC</u>	
Screen length: <u>20</u> feet Screen diameter: <u>4</u> inches Type of screen: <u>PVC</u>	
Screen slot size: <u>.008</u> inches Setting depth: From <u>120</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	

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

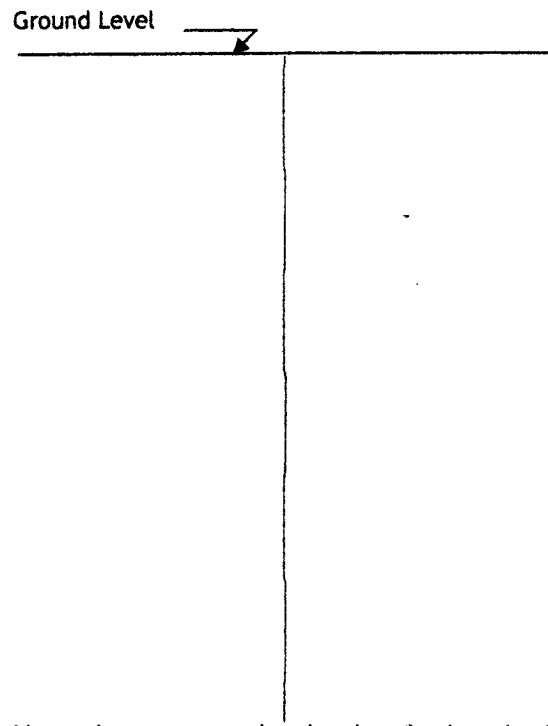
County: Amite
 Permit #: _____

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The sketch below only required for water wells

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

If well telescopes, show depths on sketch.



Description of Formations Encountered	From (depth)	To (depth)
topsoil	Ground level	1
clay	1	75
sand	75	100
clay	100	110
sand	110	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



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Landowner Name: Gorge McKnight

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 7-28-15 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)

For Office Use Only:

Well #: N175
Aquifer:

County: Amite
Permit #:
Driller: James M. Wells
Date completed: 6-5-15
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: Owner Name: George McKnight, Mailing Address: 2730 Pond Lane, Liberty MS 39645, Telephone No. (504) 401-0431
Well Location: Latitude: 31°06.098, Longitude: 090°47.884, Method of Lat/Long: Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS, 1/4, Sec 41 T 2N R 4E, 8 Miles (Distance) S of Liberty (Direction) (Nearest Town)

Pump Type (circle one): Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe):
Date Pump installed: 6-5-15 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: 130 feet Number of Stages: 14

Pump Test Data for Non Flowing Well
Date Well Tested: 6-5-15 Duration of Pump Test (minimum 4 hours): 4 hours
Static Water Level (A): 100 Feet Below Land Surface Pumping Water Level (B): 130 Feet Below Land Surface
Drawdown [(B) - (A)]: 30 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 7-28-15 James M. Wells
Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer