

# 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 #: H76  
Aquifer: \_\_\_\_\_  
E-Log #: \_\_\_\_\_

County: Madison  
Permit #: \_\_\_\_\_  
Driller: James M. Wells  
Date drilling completed: 8-1-17

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>Donald Cagins</u>	Latitude: <u>31°19.5N</u> Longitude: <u>89°43.7W</u>
Mailing Address: _____ <u>288 Kendrick Rd.</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>Columbia</u> <u>MS</u> <u>39429</u>	<u>SW</u> ¼ <u>SW</u> ¼, Sec <u>9</u> T <u>4N</u> R <u>17W</u>
City State Zip Code	_____ Miles _____ of _____ (Distance) (Direction) (Nearest Town)
Telephone No. (____) _____	

Well / Borehole Data	
Date drilling started: <u>8-1-17</u>	Date drilling completed: <u>8-1-17</u> Hole depth: <u>95</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>20</u> feet [above or <input checked="" type="checkbox"/> below] land surface Date measured: <u>8-1-17</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>95</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>75</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>75</u> feet to <u>95</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

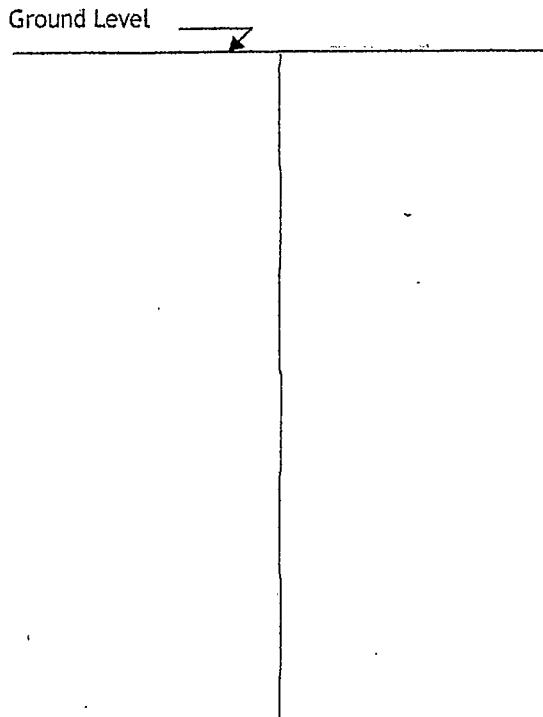
RECEIVED  
SEP 29 2017  
BY OLWR

County: Marion  
Permit #: \_\_\_\_\_

**For Office Use Only:**  
Well #: H 76

The sketch below only required for water wells

If well telescopes, show depths on sketch.



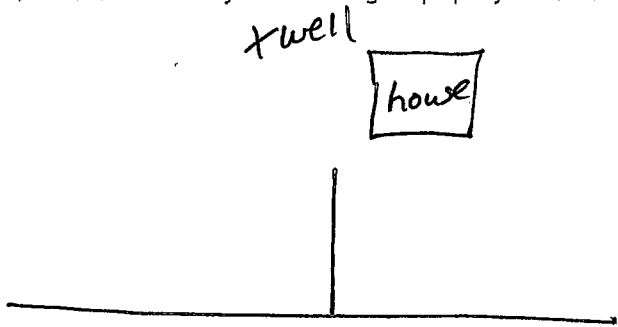
Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
<u>topsoil</u>	<u>Ground level</u>	<u>1</u>
<u>clay</u>	<u>1</u>	<u>30</u>
<u>sand</u>	<u>30</u>	<u>95</u>

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: Donald Cagins

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 9.25.17 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: Marion  
 Permit #: \_\_\_\_\_  
 Driller: James M. Wells  
 Date completed: 8-1-17  
*Copy information from block on Part 1*

**For Office Use Only:**

Well #: H76  
 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>Donald Cagins</u>	Latitude: <u>31° 19.5 N</u> Longitude: <u>89° 43.7 W</u>
Mailing Address: _____	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>288 Kendrick Rd.</u>	<u>SW ¼ SW ¼, Sec 9 T 4N R 17W</u>
<u>Columbia MS 39429</u>	_____ Miles _____ of _____
City State Zip Code	(Distance) (Direction) (Nearest Town)
Telephone No. (____) _____	

**Pump Type (circle one)**

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

Date Pump Installed: 8-1-17 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: 60 feet Number of Stages: 14

**Pump Test Data for Non Flowing Well**

Date Well Tested: 8-1-17 Duration of Pump Test (minimum 4 hours): 4 hours

Static Water Level (A): 20 Feet Below Land Surface Pumping Water Level (B): 60 Feet Below Land Surface

Drawdown [(B) - (A)]: 34 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 9-25-17 James M. Wells  
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer