

STATE WELL REPORT

266

County: De Soto
 Permit #: _____
 Driller: Take Cobb
 Date drilling completed: 11/1/21

**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)961-5555
 (601)961-5228 (fax)

For Office Use Only:

Well #: L 172
 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.

Well Owner Information <small>(Landowner if borehole is not for a water well)</small>	Well or Borehole Location
Owner Name: <u>Wayne Carter</u>	Latitude: <u>34.842348</u> Longitude: <u>-89.892319</u>
Mailing Address: <u>5570 Bright Rd.</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>Hernando</u> MS <u>38632</u>	<u>NE</u> 1/4 <u>NW</u> 1/4, Sec <u>12</u> T <u>3S</u> R <u>7W</u>
City State Zip Code	<u>5.2</u> Miles <u>ENE</u> of <u>Hernando</u>
Telephone No. <u>(901) 212-1712</u>	(Distance) (Direction) (Nearest Town)

Well / Borehole Data

Date drilling started: 11/1/21 Date drilling completed: 11/1/21 Hole depth: 140 Hole diameter: 7"
 Location of the source of any surface water used for drilling: N/A
 Method of dosing and volume of Chlorine used in drilling and development: 5ppm sodium hypochlorite
 Logs run (check all applicable): log run Electric Gamma Ray Density Sonic Neutron Other: _____
 Name of organization running log(s): _____
 Purpose of borehole (check 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 (check 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: 21 feet above or below land surface Date measured: 11/1/21
 (check one)
 Method of measurement (check one) Steel tape Electric tape Air line Other (describe): Sonic
 Well depth: 140 Well grouted to a depth of: 10 feet Type of grout (check one) Neat Cement Bentonite Mix
 Casing length: 120 feet Casing diameter: 4 inches Type of casing: PVC
 Screen length: 20 feet Screen diameter: 4 inches Type of screen: PVC slot
 Screen slot size: .013 inches Setting depth: From 120 feet to 140 feet
 Type of completion (check 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

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County: De Soto

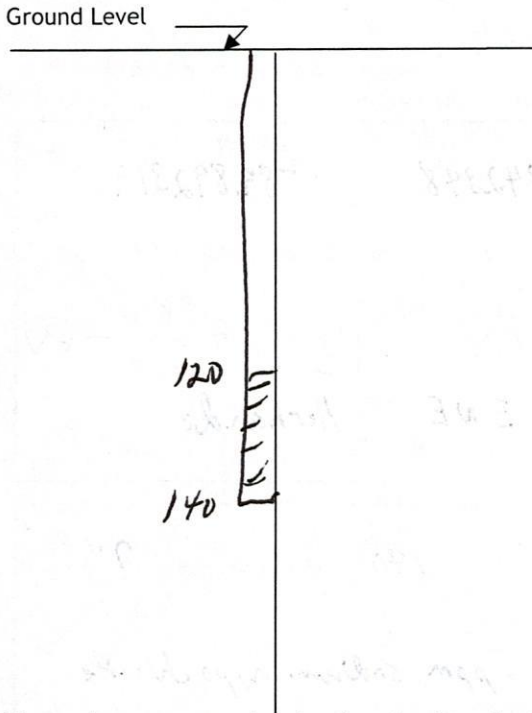
Permit #: _____

For Office Use Only:

Well #: 18291

The sketch below only required for water wells

If well telescopes, show depths on sketch.

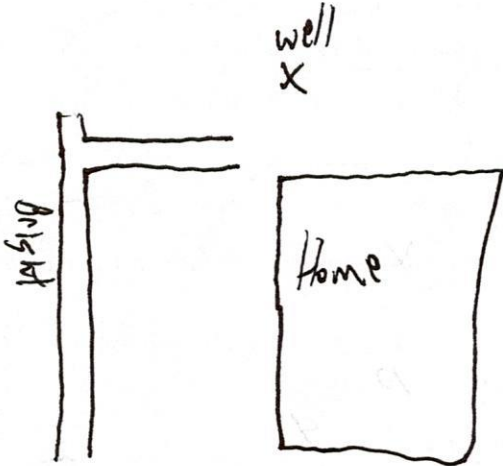


If more than one screen, show location of each on sketch

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)
dirt	Ground level	5
clay	5	30
gravel	30	35
clay	35	60
rock	60	61
clay sand	61	97
sand	97	140

- 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: Wayne Carter

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.

Jake Cobb 10583 11/1/21 Jake Cobb
 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 #:	<u>L 172</u>
Aquifer:	_____

County: <u>DeSoto</u>
Permit #:
Driller: <u>Jake Cobb</u>
Date completed: <u>11/1/21</u>
<i>Copy information from block on Part 1</i>

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>Wayne Carter</u>	Latitude: <u>34.842348</u> Longitude: <u>-89.892319</u>
Mailing Address: <u>5570 Bright Rd</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <u>X</u> , Survey-grade GPS _____
<u>Hernando</u> <u>MS</u> <u>38632</u>	<u>NE</u> ¼ <u>NW</u> ¼, Sec. <u>12</u> T. <u>3S</u> R. <u>7W</u>
City State Zip Code	<u>5.2</u> Miles <u>ENE</u> of <u>Hernando</u>
Telephone No. (<u>901</u>) <u>212-1712</u>	(Distance) (Direction) (Nearest Town)

Pump Type (check one)	
Submersible <input checked="" type="checkbox"/> Turbine <input type="checkbox"/> Air Lift <input type="checkbox"/> Centrifugal <input type="checkbox"/> Flowing Well <input type="checkbox"/> Jet <input type="checkbox"/> Piston <input type="checkbox"/> Rotary <input type="checkbox"/> Other (describe): _____	
Date Pump Installed: <u>11/1/21</u>	Rated Pump Capacity: <u>15</u> Gallons Per Minute
Is This Pump (check one): <input checked="" type="checkbox"/> New <input type="checkbox"/> Repaired <input type="checkbox"/> Replacement	

Power Type (check one)	
Electric <input checked="" type="checkbox"/> Diesel <input type="checkbox"/> Gasoline <input type="checkbox"/> Natural Gas <input type="checkbox"/> Tractor PTO <input type="checkbox"/> Windmill <input type="checkbox"/> Other (describe): _____	
Horse Power Rating of Motor: <u>1</u>	Setting Depth: <u>80</u> feet Number of Stages: <u>10</u>

Pump Test Data for Non Flowing Well	
Date Well Tested: <u>11/1/21</u>	Duration of Pump Test (minimum 4 hours): <u>4</u> hours
Static Water Level (A): <u>21</u> Feet Below Land Surface	Pumping Water Level (B): <u>24</u> Feet Below Land Surface
Drawdown [(B) - (A)]: <u>3</u> Feet Below Land Surface	Test Pumping Rate: <u>20</u> Gallons Per Minute
Method of measurement (check one): Steel tape <input type="checkbox"/> Electric tape <input type="checkbox"/> Air line <input type="checkbox"/> Other (describe): <u>sonar</u>	

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 (check one): <input type="checkbox"/> New <input type="checkbox"/> Repaired <input type="checkbox"/> Replacement	
<i>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>	

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I HEREBY CERTIFY that the above statements are true to the best of my knowledge.		
<u>Jake Cobb</u> <u>10583</u>	<u>11/1/21</u>	<u>[Signature]</u>
Print Name of Pump Installer and License No. (if applicable)	Date	Signature of Pump Installer