

STATE WELL REPORT

305

County: DeSoto
 Permit #: _____
 Driller: BOB SMITH
 Date drilling completed: 10-10-20

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 175
 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>Patrick Ward</u>	Latitude: <u>34°45'26.48</u> Longitude: <u>89°58'51.17</u>
Mailing Address: <u>478 Smokestack</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Hemmed</u> MS. <u>38632</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City _____ State _____ Zip Code _____	<u>NE</u> ¼ <u>MW</u> ¼, Sec <u>7</u> T <u>4S</u> R <u>7W</u>
Telephone No. <u>(662) 429-0608</u>	_____ Miles _____ of _____ (Distance) (Direction) (Nearest Town)

Well / Borehole Data

Date drilling started: 10-16-20 Date drilling completed: 10-10-20 Hole depth: 195 Hole diameter: 8"

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

Method of dosing and volume of Chlorine used in drilling and development: 5 PPM

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: 75 feet above or below land surface Date measured: 10-10-20
(check one)

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

Well depth: 195 Well grouted to a depth of: 10 feet Type of grout (check one) Neat Cement Bentonite Mix

Casing length: 175 feet Casing diameter: 4 inches Type of casing: PVC

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

Screen slot size: 13 THOUS inches Setting depth: From 175 feet to 195 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

RECEIVED
 OCT 24 2020
 OLWR

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 #: L 175
Aquifer: _____

County: Desoto
Permit #: _____
Driller: Bob Smith
Date completed: 10-10-20
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	Well Location
Owner Name: <u>Patrick W. ...</u>	Latitude: <u>34° 45' 26.48</u> Longitude: <u>89° 58' 51.17</u>
Mailing Address: <u>478 Smokestack</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City: <u>Hennepin MS</u> State: <u>MS</u> Zip Code: <u>38832</u>	<u>NE</u> ¼ <u>NW</u> ¼, Sec <u>7</u> T. <u>4S</u> R. <u>7W</u>
Telephone No. <u>662 429-0608</u>	_____ Miles _____ of _____ (Distance) (Direction) (Nearest Town)

Pump Type (check one)
Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____
Date Pump Installed: 10-10-20 Rated Pump Capacity: 20 Gallons Per Minute
Is This Pump (check one): New Repaired Replacement

Power Type (check one)
Electric Diesel Gasoline Natural Gas Tractor PTO Windmill Other (describe): _____
Horse Power Rating of Motor: 1 1/2 Setting Depth: 80 feet Number of Stages: 12

Pump Test Data for Non Flowing Well
Date Well Tested: 10-10-20 Duration of Pump Test (minimum 4 hours): _____ hours
Static Water Level (A): 75 Feet Below Land Surface Pumping Water Level (B): _____ Feet Below Land Surface
Drawdown [(B) - (A)]: _____ Feet Below Land Surface Test Pumping Rate: 25 Gallons Per Minute
Method of measurement (check 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: RECEIVED
Meter Model Number/Name: _____ Type of Meter: OCT 29 2020
Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): _____
Installation Date: _____ Meter installed by: BY OLWR
Is This Meter (check 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.

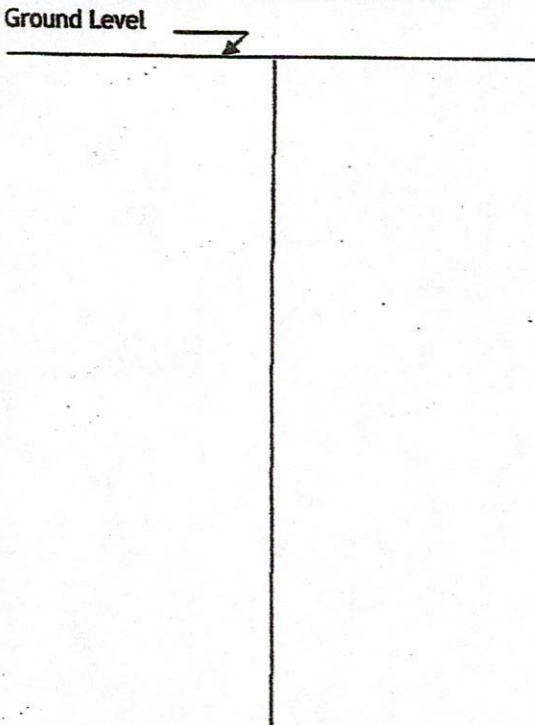
I HEREBY CERTIFY that the above statements are true to the best of my knowledge.
Bob Smith 0-645 10-24-20 _____
Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer
Form: OLWR-SWR-2A (4/13)

County: DESOTO
 Permit #: _____

For Office Use Only:
 Well #: _____

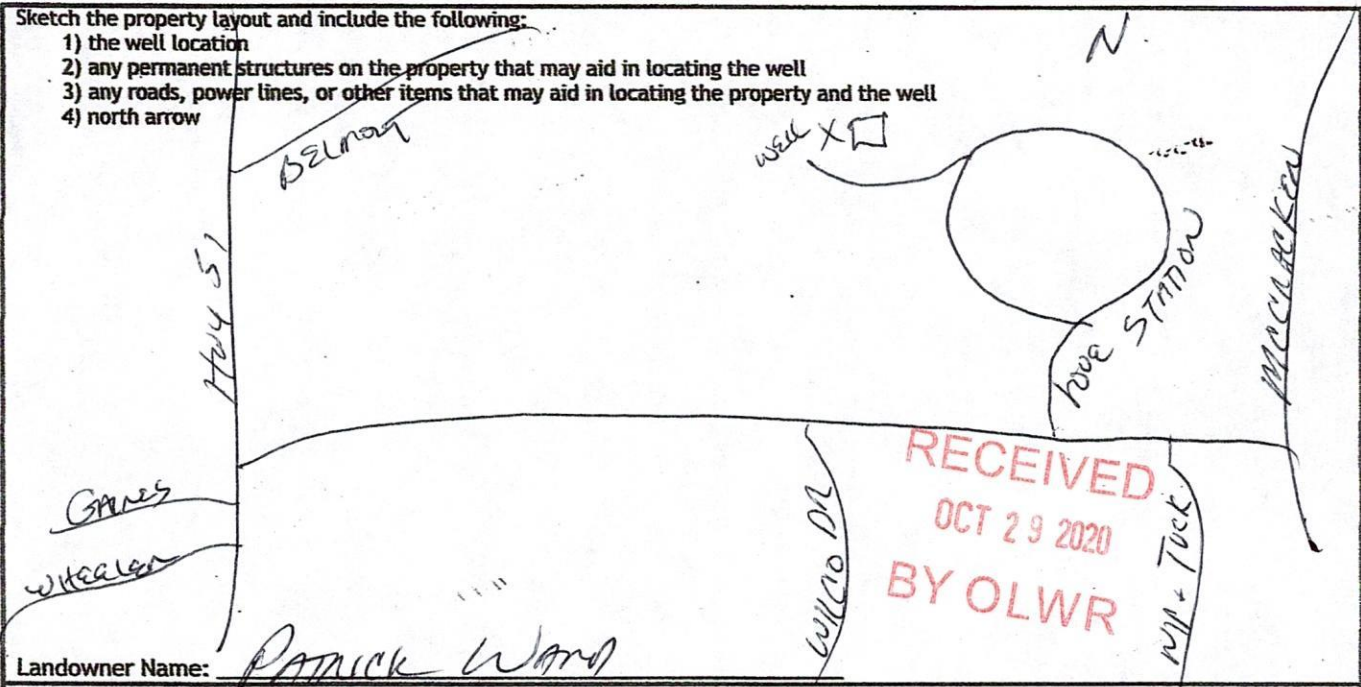
The sketch below only required for water wells
If well telescopes, show depths on sketch.

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




Description of Formations Encountered	From (depth) Ground level	To (depth)
TOP SOIL	0	5
BROWN CLAY	5	10
Gravel	10	60
WHITE CLAY	60	110
WHITE SAND - CLAY	110	140
FINE SAND	140	170
WHITE SAND COARSE	170	195

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



Landowner Name: Ranick Ward

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.

BOB SMITH 0645 10-24-20 
 Print Name of Responsible Licensee and License No. Date Signature of Licensee