

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

For Office Use Only:

Well #: J35
Aquifer: WLCXM
E-Log #: _____

County: Winston
Permit #: GW-17371
Driller: John W Thompson
Date drilling completed: 6-8-18

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>Liberty-Mattsburg Water</u>	Latitude: <u>33°1'26"</u> Longitude: <u>89°11'14.5"</u>
Mailing Address: <u>327 Langley Ave</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Louisville, MS 39339</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City _____ State _____ Zip Code _____	_____ 1/4 _____ 1/4, Sec <u>32</u> T <u>14N</u> R <u>11E</u>
Telephone No. (____) _____	<u>9</u> Miles <u>SW</u> of <u>Louisville</u>
	(Distance) (Direction) (Nearest Town)

Well / Borehole Data
Date drilling started: <u>3-5-18</u> Date drilling completed: <u>6-8-18</u> Hole depth: <u>880</u> Hole diameter: <u>17 3/4</u>
Location of the source of any surface water used for drilling: <u>Hydrant</u>
Method of dosing and volume of Chlorine used in drilling and development: _____
Logs run (check all applicable): <input type="checkbox"/> log run <input checked="" type="checkbox"/> Electric <input checked="" type="checkbox"/> Gamma Ray <input type="checkbox"/> Density <input type="checkbox"/> Sonic <input type="checkbox"/> Neutron Other: _____
Name of organization running log(s): <u>Teaco</u>
Purpose of borehole (check one): Water Well <input checked="" type="checkbox"/> Geotechnical/Geological Investigation <input type="checkbox"/> Ground Source Heat Pump <input type="checkbox"/> 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): <input type="checkbox"/> Home <input type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Fish Culture
Other (describe): <u>Municipal</u>
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____
Static Water Level: <u>239</u> feet <input type="checkbox"/> above or <input checked="" type="checkbox"/> below land surface Date measured: <u>6-8-18</u> (check one)
Method of measurement (check one) <input type="checkbox"/> Steel tape <input type="checkbox"/> Electric tape <input type="checkbox"/> Air line <input type="checkbox"/> Other (describe): _____
Well depth: <u>726</u> Well grouted to a depth of: <u>670</u> feet Type of grout (check one) <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Mix
Casing length: <u>670</u> feet Casing diameter: <u>12</u> inches Type of casing: <u>steel</u>
Screen length: <u>49</u> feet Screen diameter: <u>8</u> inches Type of screen: <u>6x8 munipac</u>
Screen slot size: <u>.020</u> inches Setting depth: From <u>678</u> feet to <u>727</u> feet
Type of completion (check 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: <u>617</u> feet

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

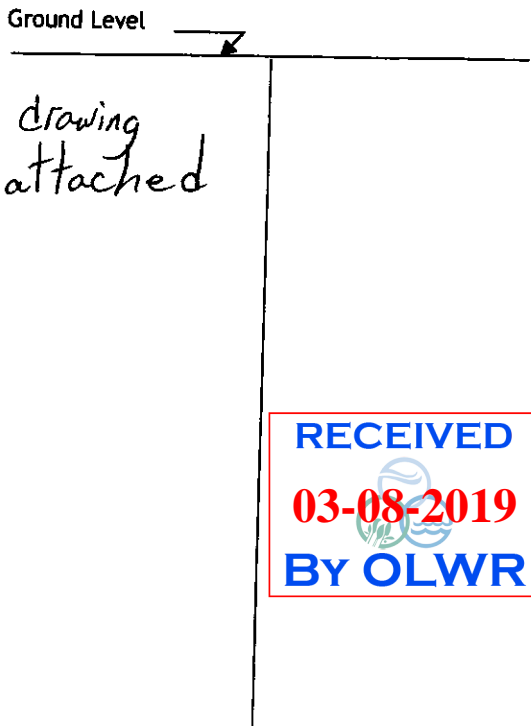
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BY OLWR

County: **Winston**
Permit #: **GW-17371**

For Office Use Only:
Well #: **J35**

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



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Description of Formations Encountered	From (depth)	To (depth)
clay	Ground level	140
sand	140	170
clay	170	340
sandy clay	340	400
clay	400	530
sand	530	605
clay	605	650
sand & clay	650	680
sand	680	725
clay	725	805
sand	805	865
clay	865	880

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

Landowner Name: Liberty Plattsburg W.A.

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.

John W Thompson 0-679 6-11-18 John W Thompson
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 #: J35
 Aquifer: WLCXM

County: Winston
 Permit #: GW-17371
 Driller: John W Thompson
 Date completed: 3-6-19
 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>Liberty-Plattsburg Water Assoc</u>	Latitude: <u>33° 01' 26"</u> Longitude: <u>89° 11' 14.5"</u>
Mailing Address: <u>327 Langley Ave</u> <u>Louisville MS 39339</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City _____ State _____ Zip Code _____	_____ 1/4 _____ 1/4, Sec <u>32</u> T <u>14N</u> R <u>11E</u>
Telephone No. (____) _____	<u>9</u> Miles <u>SW</u> of <u>Louisville</u> (Distance) (Direction) (Nearest Town)

Pump Type (circle one)

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

Date Pump Installed: 3-5-19 Rated Pump Capacity: 275 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: 40 Setting Depth: 340 feet Number of Stages: _____

Pump Test Data for Non Flowing Well

Date Well Tested: 3-6-19 Duration of Pump Test (minimum 4 hours): 4 hours

Static Water Level (A): 239 Feet Below Land Surface Pumping Water Level (B): 273 Feet Below Land Surface

Drawdown [(B) - (A)]: 34 Feet Below Land Surface Test Pumping Rate: 310 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

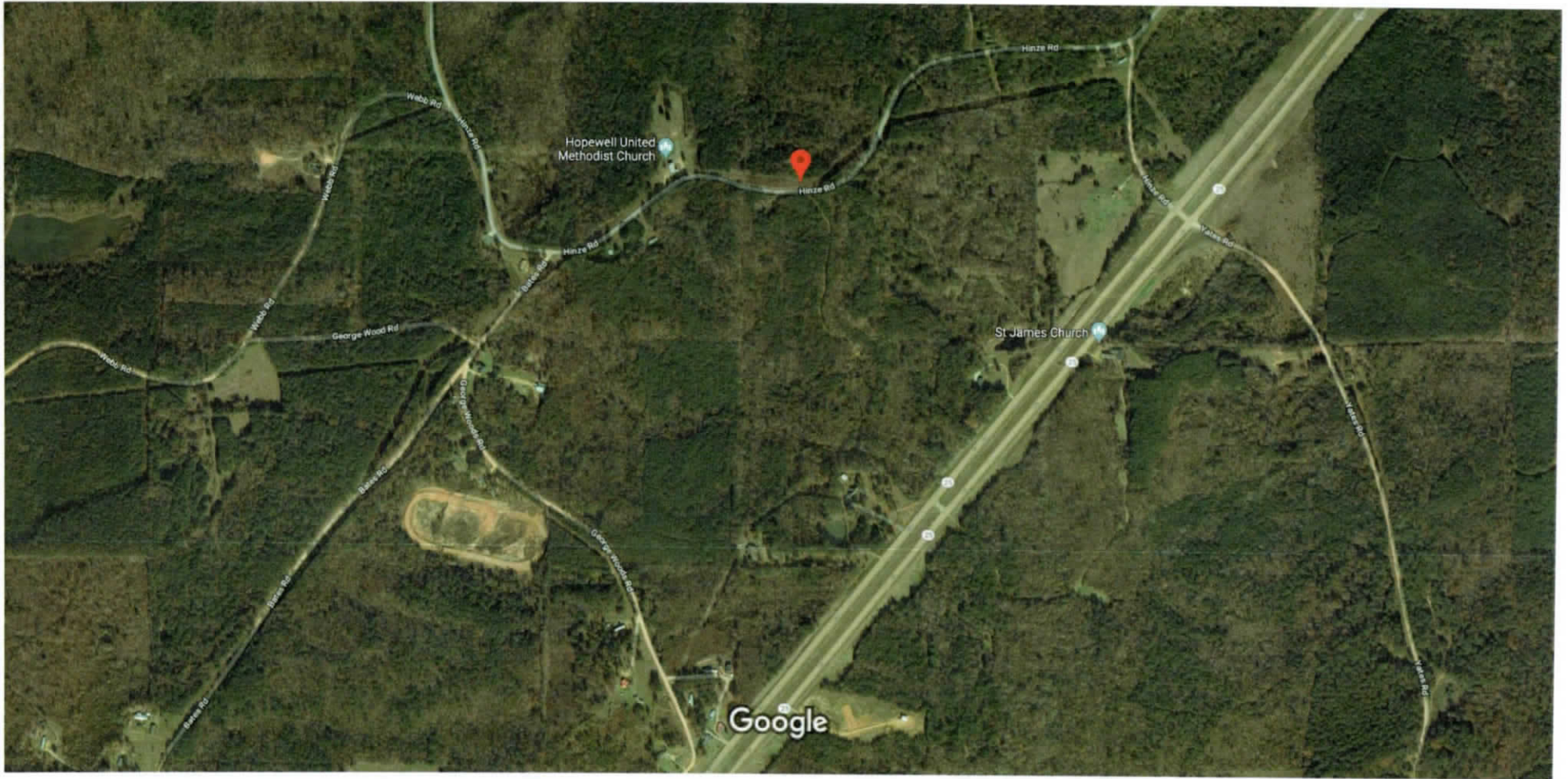
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Important: By submitting the above information you are certifying that this meter was installed to manufacturer standards. For agricultural wells, a list of approved meters is on the MDEQ website.

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

John W Thompson 0-679 3-7-19 John W Thompson
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

Google Maps 33°01'26.0"N 89°11'14.5"W



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Google Maps 33°01'26.0"N 89°11'14.5"W

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Map data ©2019 Google 500 ft

Liberty Plattsburg

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- 17 3/4" hole to 673'

- 12 3/4" x 12" casing set @ 670' (coated)
- Cement f/670 to surface

8" SS lap - 678' - 677.31

16.30 gravel - 733' - 625'
11 3/4" hole f/670' - 731

6" x 8" #20 muni-pack screen
f/678' - 726.69

