

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 #: H248
Aquifer: _____
E-Log #: _____

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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>Magnolia Rural Water Association</u>	Latitude: <u>31° 09' 24.45"</u> Longitude: <u>90° 21' 32.34"</u>
Mailing Address: <u>265 East Bay Street</u> <u>Magnolia, MS 39652</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City _____ State _____ Zip Code _____	<u>SW</u> ¼ <u>NW</u> ¼, Sec <u>12</u> T <u>2N</u> R <u>8E</u>
Telephone No. (____) _____	<u>6</u> Miles <u>W</u> of <u>Magnolia</u> (Distance) (Direction) (Nearest Town)

Well / Borehole Data
Date drilling started: <u>2-10-20</u> Date drilling completed: <u>2-19-20</u> Hole depth: <u>500</u> Hole diameter: <u>8</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 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 type="checkbox"/> Geotechnical/Geological Investigation <input type="checkbox"/> Ground Source Heat Pump <input type="checkbox"/> Seismic Survey Other (describe) <u>Test Hole for MS-GW-17426</u>

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): _____
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____
Static Water Level: _____ feet <input type="checkbox"/> above or <input type="checkbox"/> below land surface Date measured: _____ (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: _____ Well grouted to a depth of: _____ feet Type of grout (check one) <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Mix
Casing length: _____ feet Casing diameter: _____ inches Type of casing: _____
Screen length: _____ feet Screen diameter: _____ inches Type of screen: _____
Screen slot size: _____ inches Setting depth: From _____ feet to _____ feet
Type of completion (check all applicable) <input 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

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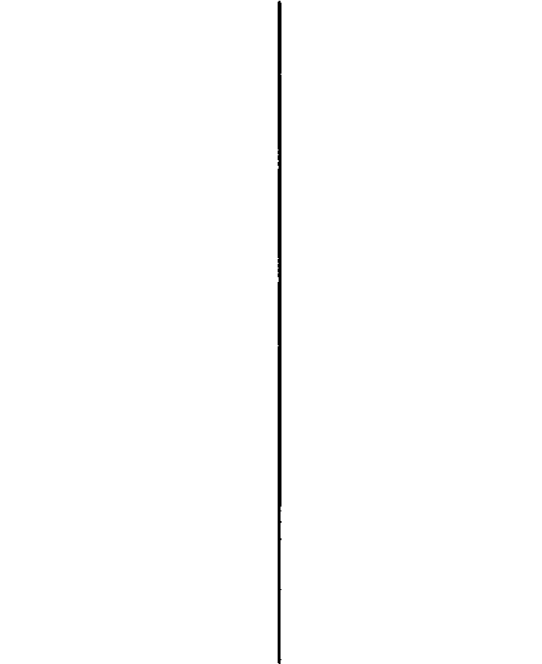
County: Pike
Permit #: _____

For Office Use Only:
Well #: H248

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level 



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)
red sandy clay + gravel	Ground level	160
Clay	160	210
blue clay + fine sand	210	310
clean gravel (lost returns)	310	335
sand	335	470
Clay	470	500

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

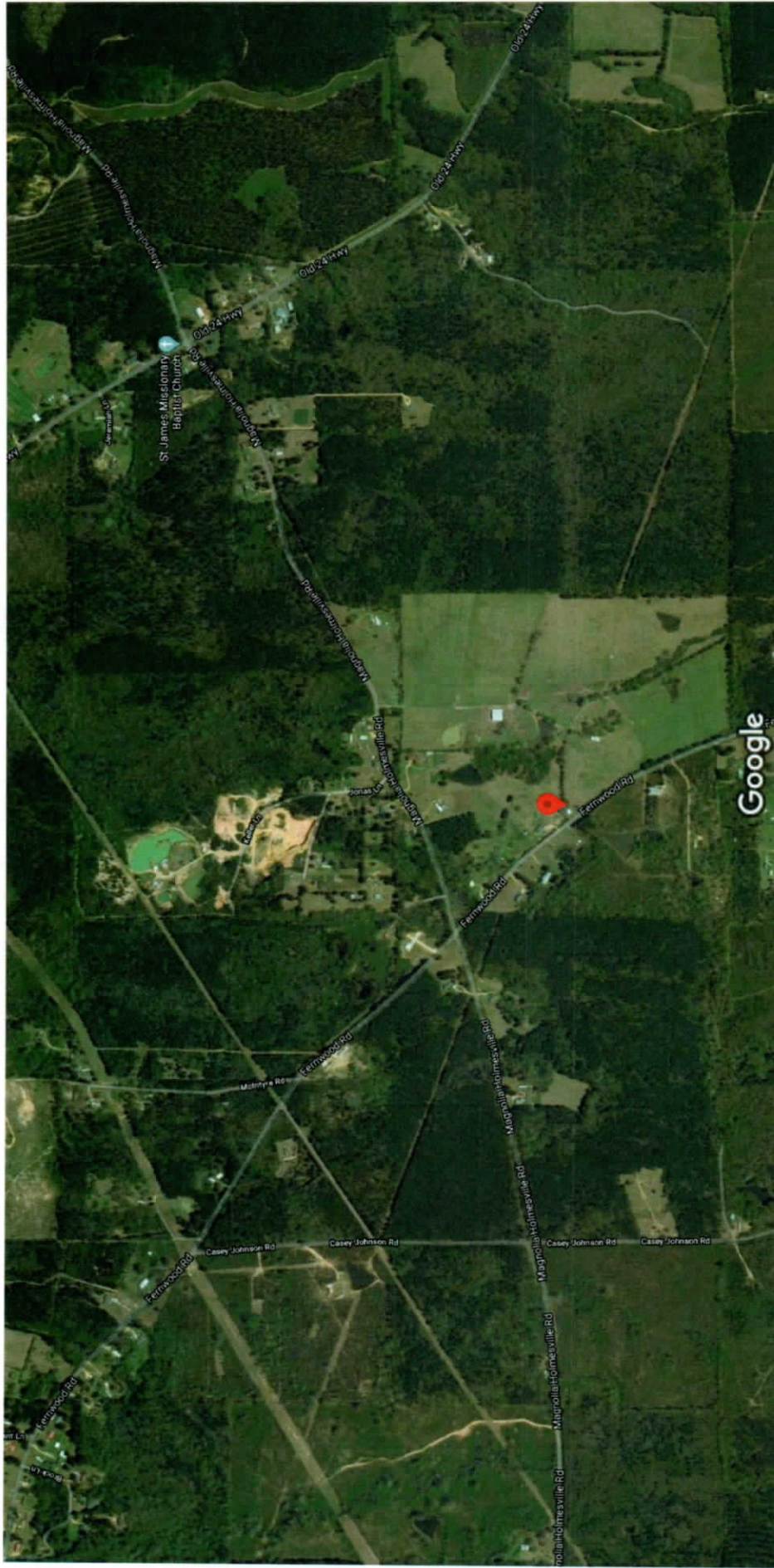
- Sketch the property layout and include the following:
- 1) the well location
 - 2) any permanent structures on the property that may aid in locating the well
 - 3) any roads, power lines, or other items that may aid in locating the property and the well
 - 4) north arrow

Landowner Name: Magnolia Rural Water Association

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.

Print Name of Responsible Licensee and License No. John W Thompson 0-679 Date 2-19-2020 Signature of Licensee 

Google Maps 31°09'24.5"N 90°21'32.3"W

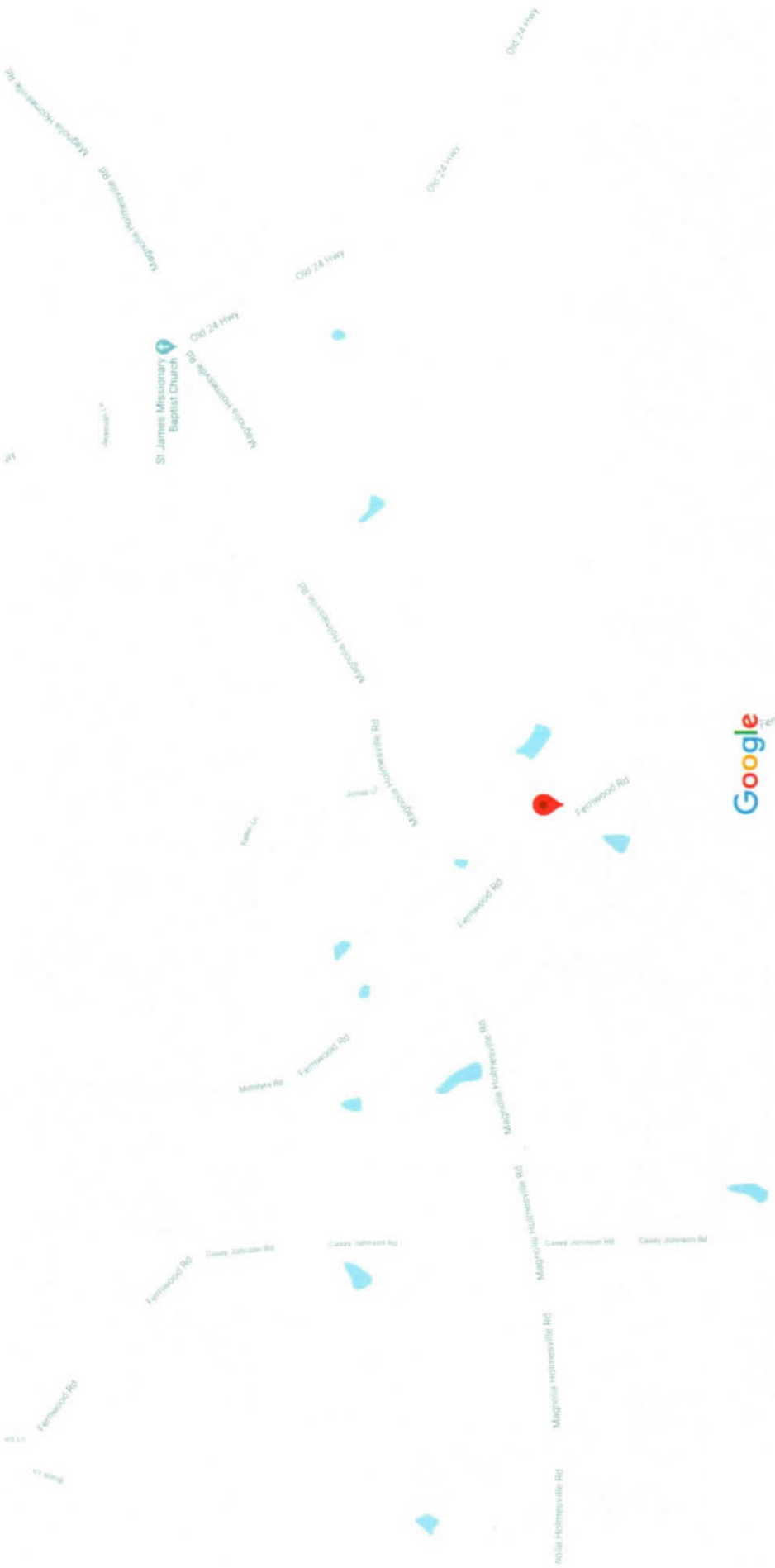


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H248
Pike Co.

Google Maps 31°09'24.5"N 90°21'32.3"W



Map data ©2020 500 ft

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