

# 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)

County: Leake  
Permit #: \_\_\_\_\_  
Driller: Eddie Thomas  
Date drilling completed: 07/14/2021

#### For Office Use Only:

Well #: Q50  
Aquifer: \_\_\_\_\_  
E-Log #: \_\_\_\_\_

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09-10-2021

BY OLWR

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 <i>(Landowner if borehole is not for a water well)</i>	Well or Borehole Location
Owner Name: <u>Dale Withers</u>	Latitude: <u>32.6096240</u> Longitude: <u>-89.4106330</u>
Mailing Address: <u>1770 Old Salem Rd. , PO Box 238</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Walnut Grove MS 39189</u>	<u>NW</u> ¼ <u>SE</u> ¼, Sec <u>19</u> T <u>09N</u> R <u>09E</u>
City State Zip Code	<u>2.5</u> Miles <u>East</u> of <u>Walnut Grove</u>
Telephone No. ( <u>601</u> ) <u>416-5026</u>	(Distance) (Direction) (Nearest Town)

Well / Borehole Data
Date drilling started: <u>07/14/2021</u> Date drilling completed: <u>07/14/2021</u> Hole depth: <u>155</u> Hole diameter: <u>8 •</u>
Location of the source of any surface water used for drilling: <u>Office</u>
Method of dosing and volume of Chlorine used in drilling and development: <u>1# pumped through sc</u>
Logs run (check all applicable): No log run <input checked="" 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 (check one): Water Well <input checked="" 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 (check all applicable): Home <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input type="checkbox"/> Irrigation <input type="checkbox"/> Fish Culture <input type="checkbox"/>
Other (describe): _____
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____
Static Water Level: <u>43</u> feet [ above or <input checked="" type="checkbox"/> below ] land surface Date measured: <u>07/14/2021</u> (check one)
Method of measurement (check one): Steel tape <input type="checkbox"/> Electric tape <input type="checkbox"/> Air line <input checked="" type="checkbox"/> Other (describe): _____
Well depth: <u>155</u> Well grouted to a depth of: <u>10</u> feet Type of grout (check one): Neat Cement <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Mix <input type="checkbox"/>
Casing length: <u>140</u> feet Casing diameter: <u>4 •</u> inches Type of casing: <u>PVC</u>
Screen length: <u>15</u> feet Screen diameter: <u>4 •</u> inches Type of screen: <u>PVC saw slot</u>
Screen slot size: <u>.010</u> inches Setting depth: From <u>140</u> feet to <u>155</u> feet
Type of completion (check all applicable): Gravel packed <input checked="" type="checkbox"/> Underreamed <input type="checkbox"/> Open hole <input type="checkbox"/> Natural Development <input type="checkbox"/>
Other (describe): _____
Top of lap pipe or reduction in casing: _____ feet
<i>If telescoped or more than one screen, describe on next page</i>

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The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level  $\rightarrow$

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)
Mixed dirt	Ground level	10
Sand stone	10	16
Sandy clay	16	19
Sand stone	19	23
White sand w/clay	23	45
White sand BIG	45	57
Lignite and clay	57	61
Gray clay	61	92
Gray sand w/clay	92	140
Gray sand	140	155

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: Dale Withers

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.

Eddie Thomas UNR-0000702                                      09/03/2021  
Print Name of Responsible Licensee and License No.      Date



Eddie Thomas  
Signature of Licensee