

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)

157

County: Quitman
Permit #: 50558
Driller: Charles M. Nichols
Date drilling completed: 8-21-19

For Office Use Only:

Well #: H 166
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>David Meredith</u>	Latitude: <u>34°14'0.97"</u> Longitude: <u>90°19'23.75"</u>
Mailing Address: _____	Method of Lat/Long (check one): Conventional Survey _____,
<u>PO Drawer 3220</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>Ridgeland MS 39158</u>	<u>SE</u> ¼ <u>SW</u> ¼, Sec <u>5</u> T <u>27N</u> R <u>1W</u>
City State Zip Code	_____ Miles _____ of _____
Telephone No. (____) _____	(Distance) (Direction) (Nearest Town)

Well / Borehole Data

Date drilling started: 8-21-19 Date drilling completed: 8-21-19 Hole depth: 123 Hole diameter: 24

Location of the source of any surface water used for drilling: ~~Surface~~ Other well

Method of dosing and volume of Chlorine used in drilling and development: Hth

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: 14 feet above or below land surface Date measured: 8-21-19
(check one)

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

Well depth: 123 Well grouted to a depth of: 20 feet Type of grout (check one) Neat Cement Bentonite Mix

Casing length: 83 feet Casing diameter: 16 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 16 inches Type of screen: PVC

Screen slot size: .032 inches Setting depth: From 83 feet to 123 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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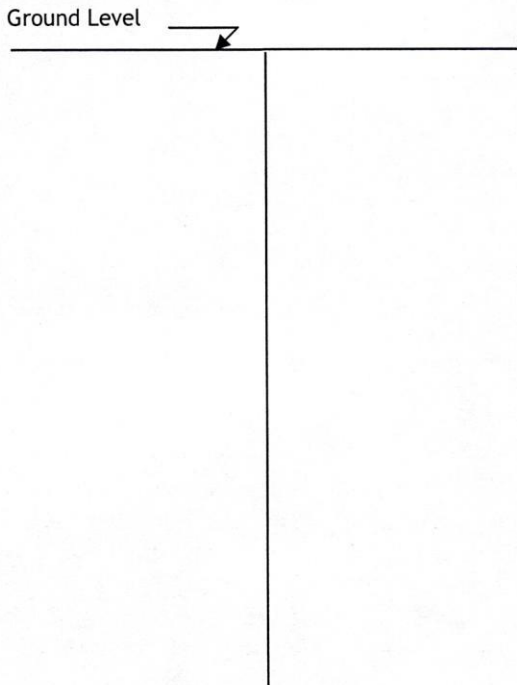
No Pump

County: Quitman
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)	To (depth)
Clay	Ground level	70
Clay + gravel	70	75
CS gravel	75	80
CS p-gravel + gravel	80	123

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

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Landowner Name: David Meredith

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.

Charles M. Nichols 0607 2-12-20 Charles M. Nichols
Print Name of Responsible Licensee and License No. Date Signature of Licensee

No Pump

STATE OF MISSISSIPPI
Department of Environmental Quality
Office of Land and Water Resources
P. O. Box 2309
Jackson, Mississippi 39225

PERMIT

TO DIVERT OR WITHDRAW FOR BENEFICIAL USE THE PUBLIC WATERS

This permit is issued to the landowner named below in accordance with the provisions of the Mississippi Water Laws, Mississippi Code Sections 51-3-1, et seq. (1972, as amended), and the regulations and standards as promulgated thereunder. Whether or not specifically named in this permit or in the applications for this permit, anyone using water from the diversion/withdrawal point described below shall do so in compliance with the provisions of this permit. Neither this permit, nor any authority conferred hereby, may be sold, conveyed, encumbered, assigned, or otherwise aliened, for any period of time or under any conditions whatsoever. This permit may not be modified, transferred or revoked without prior action by the Permit Board. Any attempts to modify, transfer or revoke this permit, or to take any other action on this permit, shall be invalid and unenforceable and may result in immediate revocation or suspension of this permit. The holder of this permit shall at all times be responsible for adherence to the terms and conditions of this permit. No agreement between the permit holder and any other party shall affect the obligations and liabilities of the permit holder. Water use under this permit is allowed only when the streamflow, lake level elevation, or static groundwater level (whichever, if any, is applicable) is above the established minimum, pursuant to Mississippi Code Section 51-3-7. Authorization is hereby granted to divert/withdraw water for the beneficial use designated herein, and for no other purpose, subject to the following terms, conditions, and limitations:

Permit Number: MS-GW-50558

Landowner Name: MERIDETH FARMS LLC

Landowner Address: PO DRAWER 3220
RIDGELAND MS 39158

Source Of Water: MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER

Beneficial Use: IRRIGATION

Diversion/Withdrawal Location: SE 1/4 of the SW 1/4 **Section:** 05 **Township:** 27N **Range:** 01W

County: QUITMAN

Quad: LAMBERT

Maximum Volume: 113 Acre-Feet/Year *equivalent to* .1009 Million Gallons/Day

Maximum Rate: 2500 Gallons/Minute

Applicant Name: MERIDETH FARMS LLC

Applicant Address: PO DRAWER 3220
RIDGELAND MS 39158

Date Permit Issued: 08/27/2018

Date Permit Expires: 08/27/2023

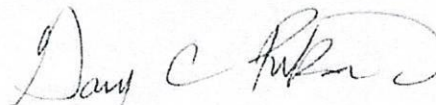
Date Permit Modified:

Date Permit Re-issued:

This permit shall be deemed null and void if construction has not begun within one (1) year of permit issue date

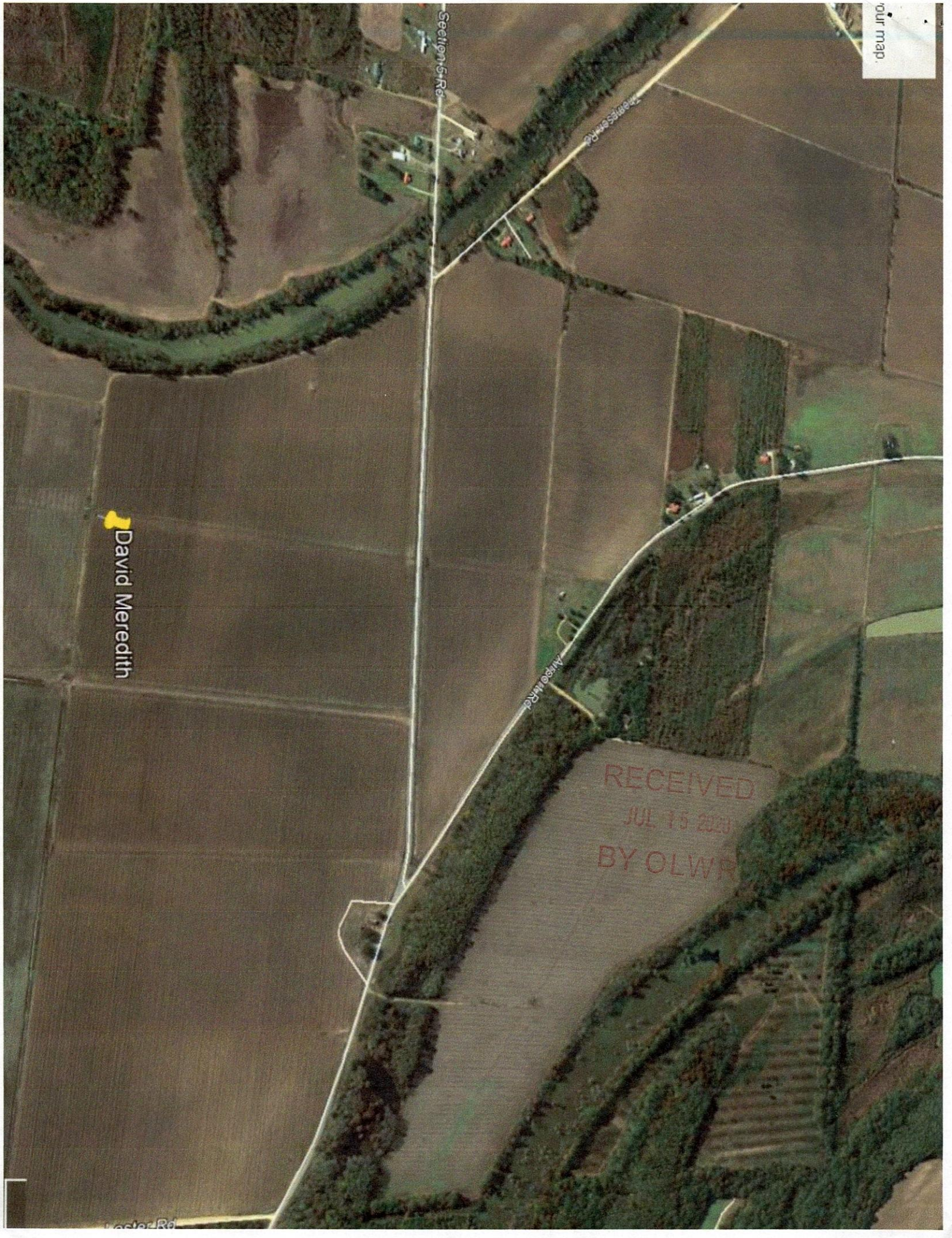
SPECIAL TERMS AND CONDITIONS:

SPECIAL TERMS AND CONDITIONS 2: SEE ATTACHMENT 1, WHICH IS HEREBY DECLARED TO BE PART OF THIS PERMIT.



Gary C. Rikard, Executive Director
Mississippi Department of Environmental Quality

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Section 5 Rd

Traverse Rd

Amber Lake

David Meredith

Lester Rd