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# State Well Report

## Part I - Driller's Log

Mississippi Department of Environmental Quality  
Office of Land and Water Resources  
P.O. Box 2309  
Jackson, MS 39225  
(601)961-5210  
(601)961-5228 (fax)

County: Quitman  
Permit # GW-50589  
Driller: Chad Mattox  
Date drilling completed: 5/9/19

For Office Use Only:  
Aquifer: \_\_\_\_\_  
Well #: H 165  
L.S. Elevation: \_\_\_\_\_  
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.

Information on Well Owner <i>(Landowner if borehole is not for a water well)</i>	Well or Borehole Location
Owner Name: <u>Robert Mehrlc (Mehrlc)</u>	Latitude: <u>34° 10' 5.98"</u> Longitude: <u>90° 17' 24.9"</u>
Mailing Address: <u>P.O. Box 1038</u>	Method of Lat/Long (circle one): Conventional Survey, <u>Hand-held GPS</u> , Survey-grade GPS
<u>Lambert MS 38643</u> City State Zip Code	USGS quad, <u>SW 1/4 NW 1/4 Sec 34 Twn 27N Rng 1W</u>
Telephone No. <u>(662) 645-0594</u>	Distance Direction Nearest Town <u>5 Miles S of Lambert</u>

**Well / Borehole Data**

Date drilling started: 5/9/19 Date drilling completed: 5/9/19 Hole depth: 115 Hole diameter: 24

Location of the source of any surface water used for drilling: \_\_\_\_\_  
Method of dosing and volume of Chlorine used in drilling and development: \_\_\_\_\_

Logs run (circle all applicable): (No 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 one): Home \_\_\_\_\_ Industrial \_\_\_\_\_ Public Supply \_\_\_\_\_ Irrigation  Fish Culture \_\_\_\_\_ Other: \_\_\_\_\_

If a flowing well, method of flow regulation: Valve \_\_\_\_\_ Other (describe) \_\_\_\_\_

Static Water Level: 9 feet above or below (circle one) land surface Date measured: 5/1/19

Method of Measurement (circle one) (steel tape) electric tape air line other: \_\_\_\_\_

Well depth: 115' Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement (Bentonite) Mix

Casing length: 75 feet Casing diameter: 16 inches Type of casing: PVC

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

Screen slot size: .032 inches Setting depth: From 75 feet to 115 feet

Type of completion (circle all applicable): (Gravel pack) Underreamed Telescoped 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*







# 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)

County: Quitman  
 Permit #: GW-50589  
 Driller: Chad Mattox  
 Date completed: 5/1/19  
Copy information from block on Part 1

**For Office Use Only:**

Well #: H 165  
 Aquifer: \_\_\_\_\_

*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>Robert Mehrlc</u>	Latitude: <u>34 10 5.98</u> Longitude: <u>90 17 24.9</u>
Mailing Address: <u>P.O. Box 1038</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Lambert</u> MS <u>38643</u>	<u>SW</u> ¼ <u>NW</u> ¼, Sec <u>34</u> T <u>27N</u> R <u>1W</u>
City State Zip Code	<u>5</u> Miles <u>S</u> of <u>Lambert</u>
Telephone No. <u>(662) 645-0594</u>	(Distance) (Direction) (Nearest Town)

**Pump Type (circle one)**

Submersible  Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): \_\_\_\_\_

Date Pump Installed: 5/2/19 Rated Pump Capacity: 2200 Gallons Per Minute

Is This Pump (circle one):  New Repaired Replacement

**Power Type (circle one)**

Electric  Gasoline Natural Gas Tractor PTO Windmill Other (describe): \_\_\_\_\_

Horse Power Rating of Motor: 70 Setting Depth: 70 feet Number of Stages: 2

**Pump Test Data for Non Flowing Well**

Date Well Tested: \_\_\_\_\_ Duration of Pump Test (minimum 4 hours): \_\_\_\_\_ hours

Static Water Level (A): 9 Feet Below Land Surface Pumping Water Level (B): \_\_\_\_\_ Feet Below Land Surface

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

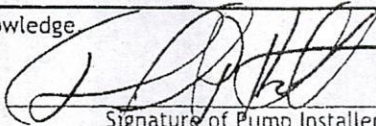
Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): \_\_\_\_\_

Installation Date: \_\_\_\_\_ Meter installed by: \_\_\_\_\_

Is This Meter (circle one): New Repaired Replacement

*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

David P Holt 0-752p 5/14/19 

Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

Form: OLWR-SWR-2A (4/13)

*\* Circle S Irrigation to install 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-50589

**Landowner Name:** MEHRLE, ROBERT

**Landowner Address:** PO BOX 1038  
LAMBERT

MS 38643

**Source Of Water:** MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER

**Beneficial Use:** IRRIGATION

**Diversion/Withdrawal Location:** NW 1/4 of the SW 1/4

**Section:** 34 **Township:** 27N **Range:** 01W

**County:** QUITMAN

**Quad:** LAMBERT

**Maximum Volume:** 540 Acre-Feet/Year *equivalent to* .482 Million Gallons/Day

**Maximum Rate:** 2200 Gallons/Minute

**Applicant Name:** MEHRLE, ROBERT

**Applicant Address:** PO BOX 1038  
LAMBERT

MS 38643

**Date Permit Issued:** 10/30/2018

**Date Permit Expires:** 10/30/2023

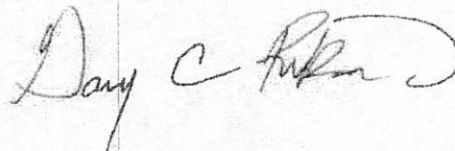
**Date Permit Modified:**

**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:** SEE ATTACHMENT 1, WHICH IS HEREBY DECLARED TO BE PART OF THIS PERMIT.

**SPECIAL TERMS AND CONDITIONS 2:**



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