

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
 (601)961- 5210
 (601)961- 5228 (fax)

County: Sunflower
 Permit #: MS 00 50723
 Driller: TEDDY COBB
 Date drilling completed: 6-2-19

For Office Use Only:
 Aquifer: _____
 Well #: B 140
 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.

<p>Information on Well Owner (Landowner if borehole is not for a water well)</p> <p>Owner Name <u>MPAE - MDOC</u></p> <p>Mailing Address: _____ <u>Highway 49 West</u> <u>Parchman MS 38735</u> City State Zip Code</p> <p>Telephone No. () _____</p>	<p>Well or Borehole Location</p> <p>Latitude: <u>33° 56' 3"</u> Longitude: <u>90° 32' 14"</u></p> <p>Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS</p> <p><u>NW 1/4 SW 1/4 Sec 20 Twn 24 N Rng 03 W</u></p> <p>Distance _____ Direction _____ Nearest Town _____ Miles _____ of _____</p> <p><u>in side parchman</u></p>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Well / Borehole Data

Date drilling started: 6-2-19 Date drilling completed: 6-2-19 Hole depth: 120 Hole diameter: 28

Location of the source of any surface water used for drilling: Nearest well

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: 40 feet above or below (circle one) land surface Date measured: 6-2-19

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

Well depth: 120 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 80 feet Casing diameter: 16 inches Type of casing: P.V.C

Screen length: 40 feet Screen diameter: 16 inches Type of screen: P.V.C

Screen slot size: 050 inches Setting depth: From 0 feet to 120 feet

Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development

Other (describe): _____

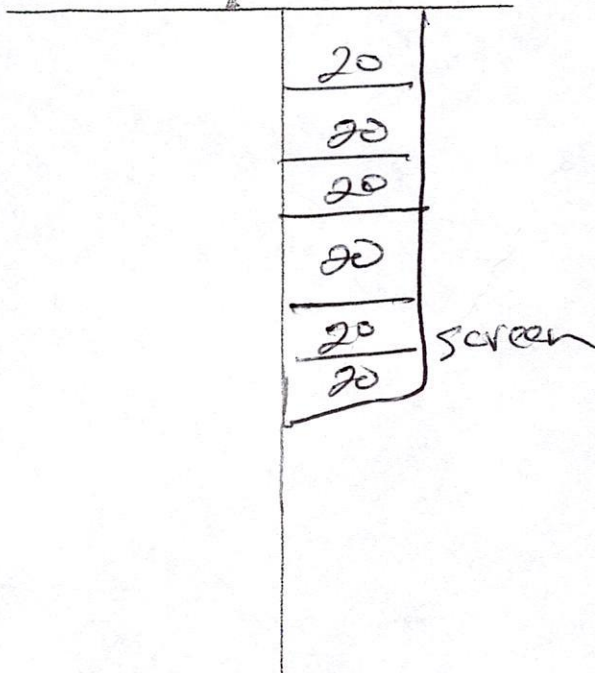
Top of lap pipe or reduction in casing: _____ feet. *If telescoped or more than one screen, describe on next page*

RECEIVED
 JUN 27 2019
 BY OLWR

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)
	Ground Level	10
Dirt	10	20
Dirt Sand	20	40
Coar. ss	40	60
Dirt Gravel	60	80
Gravel	80	100
Gravel	100	110
Shale	110	120

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) a north arrow.

RECEIVED
JUN 27 2019
BY OLWR

Landowner Name: M. PaE. MDOC

Form: OI.WR-SWR-1A (04/08)

I 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.

TERRY COATS 5318 6-2-19 Terry Coats
 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
 (601)961-5210
 (601)961-5228 (fax)

County: Stan Flower
 Permit #: MS-GW 50223
 Driller: TEDDY BOATS
 Date completed: 6-2-19
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: B 140
 Elevation: _____

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>MPAE MDOC</u>	Latitude: <u>33 56 3</u> Longitude: <u>90 32 14</u>
Mailing Address: _____ <u> Hwy 49. West</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Porchman MS 38738</u> City State Zip Code	<u>NW 1/4 SW 1/4 Sec 20 T24N R 03W</u>
Telephone No. () _____	Distance _____ Direction _____ Nearest Town <u>inside Prison</u> _____ Miles of _____

Pump Type Circle one	Power Type Circle one
Air Lift Jet Submersible	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <u>Turbine</u>	<u>Electric Motor</u> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>60 UH M</u>
Date Pump Installed: <u>6-2-19</u>	Setting Depth: <u>0-90</u> feet
Rated Pump Capacity: <u>2500</u> Gallons Per Minute	Number of Stages: <u>2-Stage 12</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>6-2-19</u>	Air Line Electric Measuring Line <u>Steel Tape</u>
Static Water Level (A): <u>40</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>45</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>5</u> Feet Below Land Surface	Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping
Test Pumping Rate: <u>2500</u> Gallons Per Minute	
Duration of Pump Test (minimum 4 hours): <u>4</u> hours	

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

TEDDY BOATS 5318 Teddy Boats
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

RECEIVED
 JUN 27 2019
 BY OLWR
 JUN 27 2019
 BY OLWR

Google Maps

33°56'00.3"N 90°
32'14.0"W



Imagery ©2019 DigitalGlobe, State of
Arkansas, USDA Farm Service Agency, Map
data ©2019 Google

1000 ft

Sunflower County

RECEIVED
JUN 27 2019
BY OLWR

STATE OF MISSISSIPPI

Department of Environmental Quality

Office of Land and Water Resources

P.O.Box 2309

Jackson, Mississippi 39225

123 Street

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 or lake level elevation (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-50723 Total Permitted Acreage: 110

Landowner Name: MPAE-MDOC
Landowner Address: HIGHWAY 49 WEST
PARCHMAN, MS 38738

Source of Water: MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER

Beneficial Use(s): IRRIGATION

Diversion/Withdrawal Location: NW 1/4 of the SW 1/4 Section: 20 Township: 24N Range: 03W

County: SUNFLOWER Quad: BALTZER

Permitted Acreage: Irrigation: 110 Fish Culture: 0 Wildlife Management: 0

Maximum Volume: See Special Terms And Conditions (attachment I)

Applicant Name: DAVIS, ROGER
Applicant Address: HIGHWAY 49 WEST
PARCHMAN, MS 38738

Date Permit Issued: 05/01/2019

Date Permit Expires: 05/01/2024

Date Permit Modified:

Date Permit Reissued:

RECEIVED
JUN 27 2019
BY OLWR

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

SPECIAL TERMS AND CONDITIONS 1:

See Attachment I which is hereby declared part of this permit.

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