

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 #: E75
Aquifer: _____
E-Log #: _____

County: Tunica
Permit #: MS-GW-50442
Driller: Chris Shockley
Date drilling completed: 4-3-19

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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>Patrick Johnson</u>	Latitude: <u>34.765601</u> Longitude: <u>90.294251</u>
Mailing Address: <u>PO Box 1052</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS _____, Survey-grade GPS <input checked="" type="checkbox"/>
<u>Tunica</u> <u>MS</u> <u>39676</u> City State Zip Code	_____ 1/4 _____ 1/4, Sec <u>6</u> T <u>45</u> R <u>10W</u>
Telephone No. (____) _____	<u>2</u> Miles <u>South</u> of <u>Robinsonville, MS</u> (Distance) (Direction) (Nearest Town)

Well / Borehole Data
Date drilling started: <u>4-3-19</u> Date drilling completed: <u>4-3-19</u> Hole depth: <u>125</u> Hole diameter: <u>24"</u>
Location of the source of any surface water used for drilling: <u>Water well 1/4 mile west</u>
Method of dosing and volume of Chlorine used in drilling and development: <u>8 gallons bleach poured in tank</u>
Logs run (check all applicable): <input type="checkbox"/> log run <input 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): _____
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 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): <input type="checkbox"/> Home <input type="checkbox"/> Industrial <input type="checkbox"/> Public Supply <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Fish Culture
Other (describe): _____
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____
Static Water Level: <u>26</u> feet <input type="checkbox"/> above or <input checked="" type="checkbox"/> below land surface Date measured: <u>4-22-19</u> (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: <u>125</u> Well grouted to a depth of: <u>10</u> feet Type of grout (check one) <input type="checkbox"/> Neat Cement <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Mix
Casing length: <u>85</u> feet Casing diameter: <u>16</u> inches Type of casing: <u>PVC</u>
Screen length: <u>40</u> feet Screen diameter: <u>16</u> inches Type of screen: <u>PVC</u>
Screen slot size: <u>.072</u> inches Setting depth: From <u>85</u> feet to <u>125</u> feet
Type of completion (check all applicable) <input checked="" 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
<i>If telescoped or more than one screen, describe on next page</i>

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)

For Office Use Only:

Well #: **E75**

Aquifer: _____

County: Tunica
Permit #: MS-GW-50442
Driller: Chris Shackley
Date completed: 4-22-19
Copy information from block on Part 1

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>Patrick Johnson</u>	Latitude: <u>34.765601</u> Longitude: <u>90.294251</u>
Mailing Address: <u>PO Box 1052</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS _____, Survey-grade GPS <input checked="" type="checkbox"/>
<u>Tunica, MS 38676</u>	_____ ¹ / ₄ _____ ¹ / ₄ , Sec <u>6</u> T <u>4S</u> R <u>10W</u>
City State Zip Code	<u>2</u> Miles <u>S</u> of <u>Robinsonville, MS</u>
Telephone No. () _____	(Distance) (Direction) (Nearest Town)

Pump Type (check one)
Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____
Date Pump Installed: 4-22-19 Rated Pump Capacity: 2500 Gallons Per Minute
Is This Pump (check one): New Repaired Replacement

Power Type (check one)
Electric Diesel Gasoline Natural Gas Tractor PTO Windmill Other (describe): _____
Horse Power Rating of Motor: 100 Setting Depth: 80 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): _____ 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 (check 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: Mc Crometer Meter Serial Number: 19-05438
Meter Model Number/Name: MO310 Type of Meter: Saddle type
Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): _____
Installation Date: 4-22-19 Meter installed by: Delta Drilling of Tunica
Is This Meter (check 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.
Chris Shackley #2561 10-7-19 [Signature]
Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

RECEIVED
10-17-2019
BY OLWR

West
Bank Island Rd.

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-50442

Landowner Name: HARRIS, MADDOX

Landowner Address: PO BOX 1247
TUNICA MS 38676

Source Of Water: MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER

Beneficial Use: IRRIGATION

Diversion/Withdrawal Location: SE 1/4 of the NE 1/4 **Section:** 06 **Township:** 04S **Range:** 10W

County: TUNICA

Quad: ROBINSONVILLE

Maximum Volume: 598 Acre-Foot/Year equivalent to .5338 Million Gallons/Day

Maximum Rate: 3000 Gallons/Minute

Applicant Name: JOHNSON JR, PATRICK L

Applicant Address: PO BOX 1052
TUNICA MS 38676

Date Permit Issued: 06/14/2018

Date Permit Expires: 06/14/2023

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