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105
By OLWR

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)961-5210
(601)360-0535 (fax)

County: Humphreys
 Permit #: GW-51042
 Driller: CHAD MATTOX
 Date drilling completed: 7/22/20

For Office Use Only:
 Well #: J 172
 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 <i>(Landowner if borehole is not for a water well)</i>			Well or Borehole Location	
Owner Name: <u>Theodore Roosevelt NWR</u>			Latitude: <u>33 1 19N</u>	Longitude: <u>90 25 12W</u>
Mailing Address: <u>12595 MS Hwy 149</u>			Method of Lat/Long (check one): Conventional Survey <input type="radio"/>	
			USGS quad <input type="radio"/> , Hand-held GPS <input type="radio"/> , Survey-grade GPS <input type="radio"/>	
<u>Yazoo City</u>	<u>MS</u>	<u>39194</u>	NW <input type="radio"/> NE <input type="radio"/> Sec <u>32</u> T <u>14N</u> R <u>02W</u>	
City	State	Zip Code	5 Miles NE of Carter	
Telephone No. (____) _____			(Distance) (Direction) (Nearest Town)	

Well / Borehole Data

Date drilling started: 7/22/20 Date drilling completed: 7/22/20 Hole depth: 105 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 (check all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____

Name of organization running log(s): _____

Purpose of borehole (circle 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: 15 feet above / below land surface Date measured: 7/23/20
 (select one)

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

Well depth: 105 Well grouted to a depth of: 10 feet Type of grout (select one): Neat Cement Bentonite Mix

Casing length: 65 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 105 feet to 65 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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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: Humphreys
Permit #: GW-51042
Driller: CHAD MATTOX
Date completed: 6/26/20
Copy information from block on Part 1

For Office Use Only:
Well #: J 172
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>Theodore Roosevelt NWR</u>			Latitude: <u>33 1 19N</u>	Longitude: <u>90 25 12W</u>
Mailing Address: <u>12595 MS Hwy 149</u>			Method of Lat/Long (select one): Conventional Survey <input type="radio"/> ,	
Yazoo City MS 39194			USGS quad <input type="radio"/> , Hand-held GPS <input checked="" type="radio"/> , Survey-grade GPS <input type="radio"/>	
City	State	Zip Code	NW <input type="radio"/> NE <input type="radio"/> Sec <u>32</u> T <u>14N</u> R <u>02W</u>	
Telephone No. (____) _____			<u>5</u> Miles <u>NE</u> of <u>Carter</u>	
			(Distance)	(Direction) (Nearest Town)

Pump Type (select one)

Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____

Date Pump Installed: 06/27/20 Rated Pump Capacity: 2500 Gallons Per Minute

Is This Pump (select one): New Repaired Replacement

Power Type (select one)

Electric Diesel Gasoline Natural Gas Tractor PTO Windmill Other (describe): _____

Horse Power Rating of Motor: 60 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): 15 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 (select 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

Chad H. Mattox UNR-8243 8/13/20 _____
Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

STATE OF MISSISSIPPI



Department of Environmental Quality
Office of Land and Water Resources

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CERTIFICATE OF PERMIT COVERAGE

*Under Mississippi's GROUNDWATER WITHDRAWAL GENERAL PERMIT
TO WITHDRAW groundwater from the Mississippi River Valley Alluvial Aquifer
FOR the beneficial use of Irrigation, Aquaculture, or Enhancement of Wildlife Habitat*

General Permit: MRVA-002
Certificate Number: MS-GW-51042
Total Permitted Acreage: 80

Landowner Name: THEODORE ROOSEVELT NWR COMPLEX
Landowner Address: 12595 MS HIGHWAY 149
YAZOO CITY, MS 39194

Source of Water: MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER
Beneficial Use(s): IRRIGATION, WILDLIFE MANAGEMENT

Diversion/Withdrawal Location: NW 1/4 of the NE 1/4 Section: 32 Township: 14N Range: 02W

County: HUMPHREYS Quadrangle: SILVER CITY

Permitted Acreage: Irrigation: 80 Fish Culture: 0 Wildlife Management: 80

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

Applicant Name: HAYNES, SCOTT
Applicant Address: 3930 WOLF LAKE ROAD
YAZOO CITY, MS 39194

Date Original Permit Issued: 01/06/2020

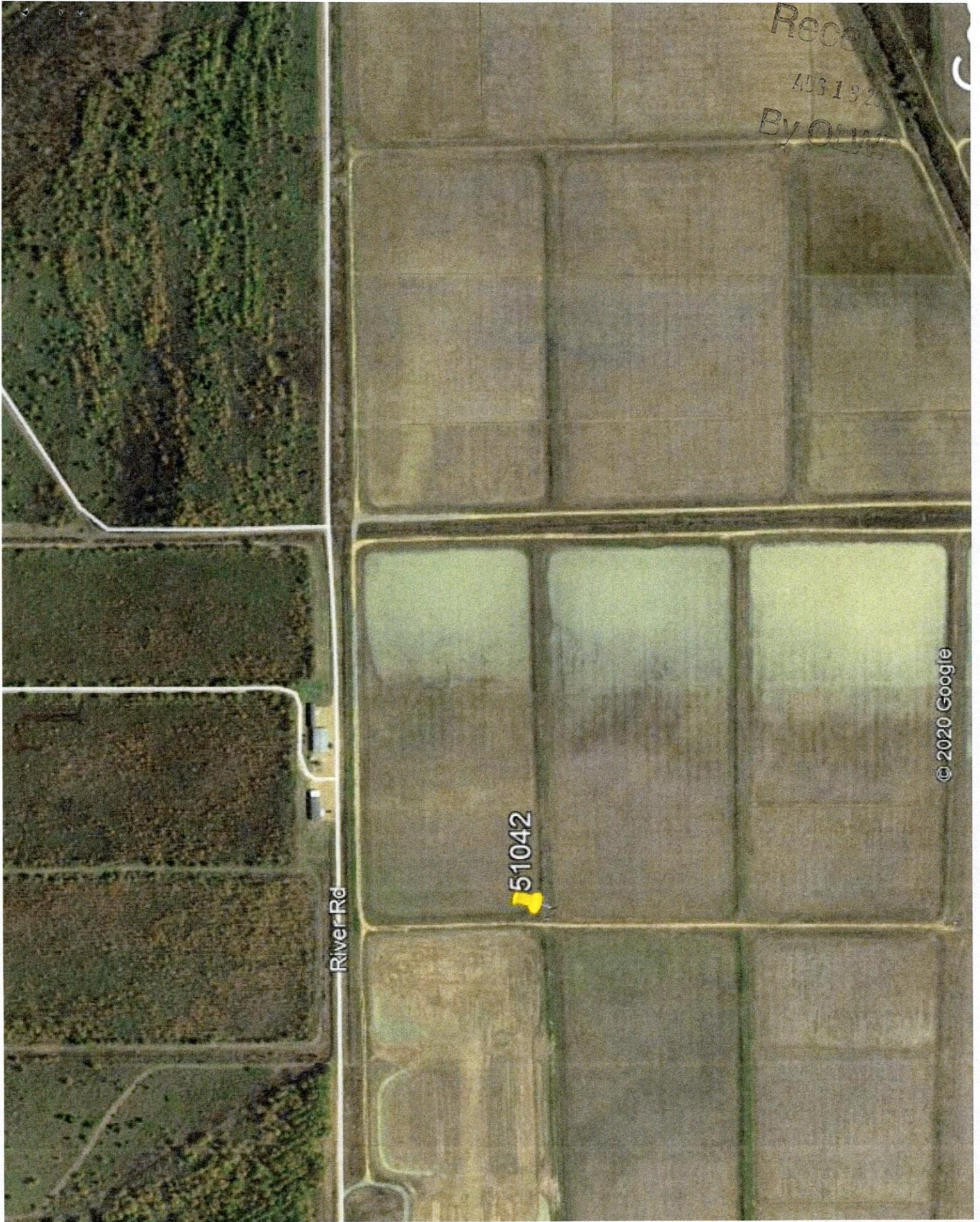
Date Coverage Expires: 04/23/2024

Date Coverage Modified:

Date Coverage Granted:

SPECIAL TERMS AND CONDITIONS 1:
See Attachment I which is hereby declared part of this permit.
SPECIAL TERMS AND CONDITIONS 2:
REPLACEMENT WELL FOR MS-GW-36757

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



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4/3/19 20
By OLM

River Rd

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