

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: HOLMES
Permit #: GW-51527
Driller: CHAD MATTOX
Date drilling completed: 5/22/21

For Office Use Only:
Well #: G77
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>HORSESHOE PLANTATION PARTNERSHIP</u>			Latitude: <u>33.232314</u>	Longitude: <u>-90.244419</u>
Mailing Address: <u>2300 LAINE DRIVE</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>WINNSBORO</u>	<u>LA</u>	<u>71295</u>	<u>NE</u> $\frac{1}{4}$ <u>SE</u> $\frac{1}{4}$, Sec <u>24</u> T <u>16N</u> R <u>01W</u>	
City	State	Zip Code	<u>1.5</u> Miles <u>W</u> of <u>WYATT</u>	
Telephone No. (____) _____			(Distance) (Direction) (Nearest Town)	

Well / Borehole Data

Date drilling started: 5/22/21 Date drilling completed: 5/22/21 Hole depth: 120 Hole diameter: 24

Location of the source of any surface water used for drilling: NEARBY DITCH

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: 40 feet above / below land surface Date measured: 5/22/21
(select one)

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

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

Casing length: ~~75~~ 80 feet Casing diameter: 16 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 160 inches Type of screen: PVC

Screen slot size: .032 inches Setting depth: From ~~70~~ 80 feet to 120 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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The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level	
20	CASING
20	CASING
20	CASING
20	CASING
20	SCREEN
20	SCREEN

Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth) Ground level	To (depth)
		10
CLAY	10	20
CLAY & FINE SAND	20	45
MED SAND & PEA GRAVEL	45	82
FINE SAND	82	84
MED SAND & GRAVEL	84	110
MED SAND & PEA GRAVEL	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) north arrow

Landowner Name: _____

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.

CHAD MATTOX UNR 8243 Chad Mattox
 Print Name of Responsible Licensee and License No. Date Signature of Licensee

CIRCLE S IRRIGATION INC. TO INSTALL PUMP

Google Maps 33°13'56.3"N 90°14'39.9"W



Imagery ©2021 Maxar Technologies, State of Arkansas, USDA Farm Service Agency, Map data ©2021

500 ft

RECEIVED
06-03-2021
BY OLWR



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

Ronnie Moss
Tab# 21-0346

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 alienated, 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-51527 Total Permitted Acreage: 190

Landowner Name: HORSESHOE PLANTATION PARTNERSHIP
Landowner Address: 2300 LANIE DRIVE
WINNSBORO, LA 31295

Source of Water: MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER

Beneficial Use(s): IRRIGATION

Diversion/Withdrawal Location: NE 1/4 of the SE 1/4 Section: 24 Township: 16N Range: 01W

County: HOLMES Quad: TCHULA

Permitted Acreage: Irrigation: 190 Fish Culture: 0 Wildlife Management: 0

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

Applicant Name: RONNIE MOSS FARMS
Applicant Address: 1309 ROBERT E LEE DRIVE
GREENWOOD, MS 38930

Date Permit Issued: 05/03/2021

Date Permit Expires: 05/03/2026

Date Permit Modified:

Date Permit Reissued:

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:

The permitted water volume must be reduced by the amount of water applied to the same acreage from other permitted point(s): MS-SW-00144, MS-SW-00571, MS-SW-04280

SPECIAL TERMS AND CONDITIONS 2:

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

Handwritten signature: Kay Wing