

20-0477

131

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)

For Office Use Only:

Well #: M 279
Aquifer: _____
E-Log #: _____

County: BOLIVAR
Permit #: GW-51180
Driller: TOMMY PEACOCK
Date drilling completed: 05/16/20

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>WALKER FARMS LLC</u>			Latitude: <u>33.7111692</u> Longitude: <u>90.7140489</u>		
Mailing Address: <u>PO BOX 1725</u>			Method of Lat/Long (check one): Conventional Survey <input type="radio"/> ,		
<u>RIDGELAND</u> MS <u>39158</u>			USGS quad <input type="radio"/> , Hand-held GPS <input checked="" type="radio"/> , Survey-grade GPS <input type="radio"/>		
City	State	Zip Code	SE <u>1/4</u> NE <u>1/4</u> , Sec <u>33</u> T <u>22N</u> R <u>05W</u>		
Telephone No. (____) _____			____ Miles ____ of ____ (Distance) (Direction) (Nearest Town)		

Well / Borehole Data

Date drilling started: 05/16/20 Date drilling completed: 05/16/20 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 (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: 9 feet above/ below land surface Date measured: 5/14/20
(select one)

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

Well depth: 115 Well grouted to a depth of: 10 feet Type of grout (select 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: PVC

Screen slot size: .032 inches Setting depth: From 75 feet to 115 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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County: BOLIVAR
 Permit #: GW-51180

For Office Use Only:
 Well #: _____

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level	
20	CASING
40	CASING
60	CASING
70	CASING
75	CASING
80	SCREEN
100	SCREEN
115	SCREEN

If more than one screen, show location of each on sketch

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
TOP SOIL AND CLAY	10	20
CLAY	20	30
FINE SAND	30	40
FINE SAND	40	50
MEDIUM SAND	50	60
MEDIUM SAND	60	70
COARSE SAND	70	80
COARSE AND SMALL GRAVEL	80	90
COARSE AND SMALL GRAVEL	90	100
COARSE SAND	100	110
COARSE SAND AND GRAVEL	110	120

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

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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.

TOMMIE PEACOCK UNR 00003409 05/22/20
 Print Name of Responsible Licensee and License No. Date

Tommy Peacock
 Signature of Licensee

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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)

For Office Use Only:

Well #: M 279

Aquifer: _____

County: BOLIVAR
 Permit #: GW-51180
 Driller: TOMMY PEACOCK
 Date completed: 05/22/20
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>WALKER FARMS LLC</u>			Latitude: <u>33.7111692</u> Longitude: <u>90.7140489</u>		
Mailing Address: <u>PO BOX 1725</u>			Method of Lat/Long (select one): Conventional Survey <input type="radio"/> ,		
			USGS quad <input type="radio"/> , Hand-held GPS <input checked="" type="radio"/> , Survey-grade GPS <input type="radio"/>		
<u>RIDGELAND</u>	<u>MS</u>	<u>39158</u>	SE <input type="radio"/> NE <input type="radio"/> Sec <u>33</u> T <u>22N</u> R <u>05W</u>		
City	State	Zip Code			
Telephone No. (____) _____			____ Miles ____ of ____ (Distance) (Direction) (Nearest Town)		

Pump Type (select one)

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

Date Pump Installed: 05/18/20 Rated Pump Capacity: 800 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: 75 feet Number of Stages: 3

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 (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: _____

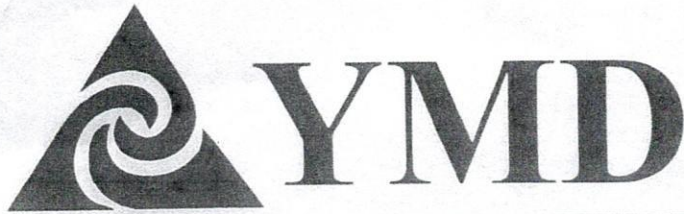
Is This Meter (circle one): New Repaired Replacement

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.

David P. Holt 0-752P 5/22/20 _____
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

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Don R. Christy, PhD
Executive Director
P. O. Box 129
Stoneville, MS 38776
Tel.: (662) 686-7712
Fax: (662) 686-9078
www.ymd.org

Yazoo Mississippi Delta Joint Water Management District

May 15, 2020

Walker Farms, LLC
1101 West Sunflower Road
Cleveland, MS 38732

RE: Receipt for Notification of Construction of Replacement Well MS-GW-51180
which will be replacing GW-08218 well located at

Location: SE1/4 of the NE 1/4 Section 33 Township 22N Range 05W County Bolivar
Latitude: 33.7111692 Longitude 90.7140489

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Print Permit

Dear Walker Farms, LLC:

This letter acknowledges your notification to the state that you intend to replace a previously permitted well in the Mississippi River Valley Alluvial Aquifer and that this replacement construction will meet the requirements for a groundwater replacement well specified in 11 Miss. Admin. Code Part 7, Chapter 1, Rule 1.4.F.1 (see attached/back of page). Construction may begin immediately on your replacement well.

Remember that you are still required to submit a permit application (enclosed) for the replacement well within 5 days of construction beginning. You are also required to properly decommission (plug and abandon) the replaced well within 180 days of the replacement well's construction.

A copy of this letter, or a water use permit for the replacement well, must be attached to the State Well Report submitted by your driller to MDEQ and they must also submit a copy to YMD, as specified in the Water Well Contractor regulations found in 11 Miss. Admin. Code Part 7, Chapter 2, Rule 2.9.

If you have any questions, please call YMD at 662-686-7712.

Sincerely,

Dillard Melton, Jr
Permitting Director