

# 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)

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County: Bolivar  
 Permit #: 51264  
 Driller: Wes McMurry  
 Date drilling completed: 8-6-20

**For Office Use Only:**  
 Well #: G 296  
 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 <small>(Landowner if borehole is not for a water well)</small>	Well or Borehole Location
Owner Name: <u>Pemble Farms Pfr. II</u>	Latitude: <u>33° 48' 37.22"</u> Longitude: <u>90° 46' 26.54"</u>
Mailing Address: <u>P.O. Box 428</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Merigold MS 38759</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City State Zip Code	<u>NE 1/4 SW 1/4, Sec 25 T 23N R 06W</u>
Telephone No. <u>(662) 721-7734</u>	<u>3.25</u> Miles <u>SW</u> of <u>Merigold</u>
	(Distance) (Direction) (Nearest Town)

**Well / Borehole Data**

Date drilling started: 8-6-20 Date drilling completed: 8-6-20 Hole depth: 125' Hole diameter: 26"

Location of the source of any surface water used for drilling: Existing Well

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 (check one): Water Well  Geotechnical/Geological Investigation  Ground Source Heat Pump   
 Seismic Survey Other (describe) \_\_\_\_\_

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*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: 46 feet  above or  below land surface Date measured: 8-7-20  
(check one)

Method of measurement (check one)  Steel tape  Electric tape  Air line  Other (describe): \_\_\_\_\_

Well depth: 125' Well grouted to a depth of: 10 feet Type of grout (check one)  Neat Cement  Bentonite  Mix

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

Screen length: 50 feet Screen diameter: 16 inches Type of screen: PVC

Screen slot size: .050 inches Setting depth: From 75' feet to 125' feet

Type of completion (check all applicable)  gravel packed  Underreamed  Open hole  Natural Development

Other (describe): \_\_\_\_\_

Top of lap pipe or reduction in casing: N/A feet

*If telescoped or more than one screen, describe on next page*

# REPLACEMENT WELL



### 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 #: G 296  
Aquifer: \_\_\_\_\_

County: Bolivar  
Permit #: 51264  
Driller: Wes McMurry  
Date completed: 8-7-20  
*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>Pemble Farms Pte. II</u>			Latitude: <u>33° 48' 37.22"</u> Longitude: <u>90° 46' 26.54"</u>	
Mailing Address: <u>P.O. Box 428</u>			Method of Lat/Long (check one): Conventional Survey _____	
City: <u>Merigold</u> State: <u>MS</u> Zip Code: <u>38759</u>			USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____	
Telephone No. <u>(662) 721-7734</u>			<u>NE 1/4 SW 1/4, Sec 25 T. 23N R. 06W</u>	
			<u>3.25</u> Miles <u>SW</u> of <u>Merigold</u> (Distance) (Direction) (Nearest Town)	

**Pump Type (check one)**  
 Submersible  Turbine  Air Lift  Centrifugal  Flowing Well  Jet  Piston  Rotary  Other (describe): \_\_\_\_\_  
 Date Pump Installed: 8-7-20 Rated Pump Capacity: 2400 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: 60 Setting Depth: 80 feet Number of Stages: 1

**Pump Test Data for Non Flowing Well**  
 Date Well Tested: NOT TESTED Duration of Pump Test (minimum 4 hours): N/A hours  
 Static Water Level (A): 46 Feet Below Land Surface Pumping Water Level (B): N/A Feet Below Land Surface  
 Drawdown [(B) - (A)]: N/A Feet Below Land Surface Test Pumping Rate: N/A 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: \_\_\_\_\_ 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 (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.  
Peyton Overstreet # 0008026 8-13-20 Peyton Overstreet  
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer



STATE OF MISSISSIPPI  
TATE REEVES  
GOVERNOR  
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

August 3, 2020

Lex Davis  
Pembie Farms PTR II  
P.O. BOX 428  
Merigold, MS 38759

RE: Emergency Authorization  
Permit Number - MS-GW-51264  
Bolivar County, Mississippi

Dear Mr. Davis,

The Mississippi Department of Environmental Quality (MDEQ) has reviewed your request for an emergency authorization to drill a water well in association with the pending groundwater withdrawal permit MS-GW-51264. Currently this permit is pending, due to the 10 day public comment period. It was stated that the well associated with this acreage has failed and upon further review it was discovered the well was not permitted which meant the requested well did not fall under the guidelines for a true replacement well. Given that your crops are in need of irrigation before a permit can be issued and the risk of losing said crop, MDEQ will grant the emergency authorization to drill and withdraw groundwater at the proposed location. Please be advised that if there are adverse comments received concerning this withdrawal permit, MDEQ may not issue this permit and you will be required to plug and abandon this water well. If you have any questions or comments please feel free to contact me at (601) 961-5775.

Sincerely,

A handwritten signature in black ink, appearing to read "Chris Hawkins".

Chris Hawkins, P.E., Division Chief  
Permitting, Certification and Compliance Division

Cc: Kristen Sorrell, P.G., MDEQ  
Cc: Dillard Melton, YMD

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