

STATE WELL REPORT

120

County: Bolivar
 Permit #: GW-51204
 Driller: Wes McMurry
 Date drilling completed: 6-2-20

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 #: S 185
 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 (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Sunflower Farms</u>	Latitude: <u>33° 34' 10.80"</u> Longitude: <u>90° 53' 31.00"</u>
Mailing Address: <u>1320 Litton Rd</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Shaw</u> <u>MS</u> <u>38773</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> Survey-grade GPS _____
City State Zip Code	<u>NW</u> $\frac{1}{4}$ <u>NE</u> $\frac{1}{4}$, Sec <u>23</u> T <u>20N</u> R <u>07W</u>
Telephone No. () _____	<u>7.14</u> Miles <u>SW</u> of <u>Shaw</u>
	(Distance) (Direction) (Nearest Town)

Well / Borehole Data

Date drilling started: 6-2-20 Date drilling completed: 6-2-20 Hole depth: 130 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): 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) _____

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: 36 feet above or below land surface Date measured: 6-3-20
(check one)

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

Well depth: 130 Well grouted to a depth of: 10 feet Type of grout (check one) Keat Cement Bentonite Mix

Casing length: 80 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 80 feet to 130 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

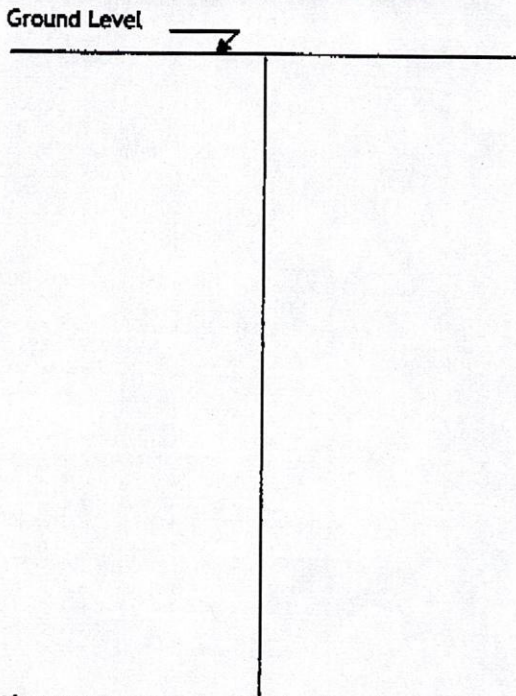
RECEIVED
 JUN 24 2020
 BY OLWR

County: _____
 Permit #: _____

For Office Use Only:
 Well #: _____

The sketch below only required for water wells

If well telescopes, show depths on sketch.



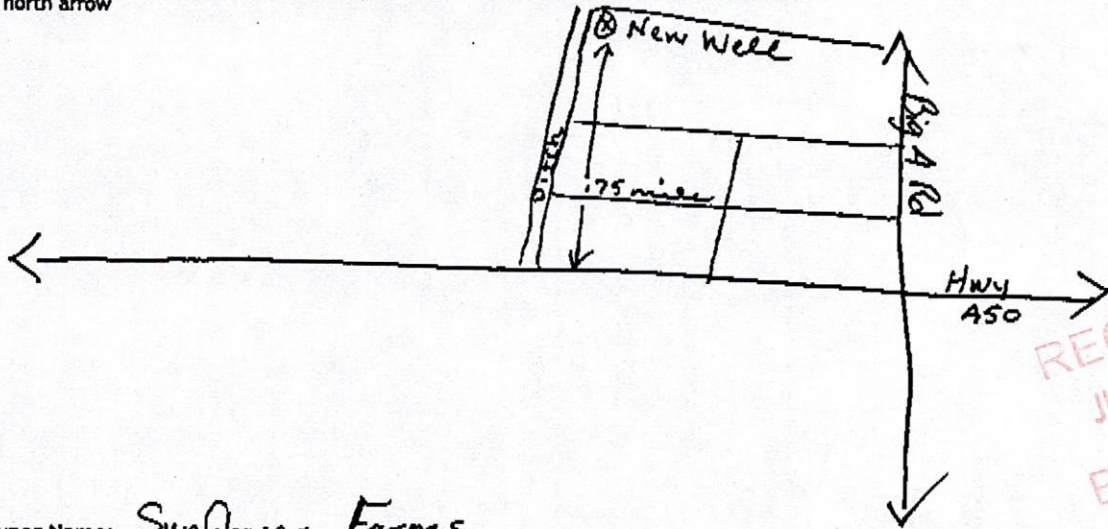
Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
Top Soil / Clay	Ground level	15
Med Sand	15	25
Med Sand	25	35
Med Sand	35	45
Med Sand	45	55
Med / Coarse Sand	55	65
Med / Coarse Sand	65	75
Coarse Sand	75	85
Coarse Sand	85	95
Coarse Sand / Pea Gravel	95	105
Coarse Sand / Pea Gravel	105	115
Coarse Sand / Pea Gravel	115	125
Coarse Sand / Pea Gravel	125	130

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



RECEIVED
 JUN 24 2020
 BY OLWR

Landowner Name: Sunflower Farms

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.

Payton Overstreet 00008076 6-23-20 Payton Overstreet
 Print Name of Responsible Licensee and License No. Date Signature of Licensee

STATE WELL REPORT

County: Belivar
 Permit #: CSW-51204
 Driller: Wes McMurry
 Date completed: 6-2-20
Copy information from block on Part 1

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 #: S 185
 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>Sunflower Farms</u>			Latitude: <u>33° 34' 10.80"</u> Longitude: <u>90° 53' 31.00"</u>	
Mailing Address: <u>1320 Litton Rd</u>			Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> Survey-grade GPS _____	
<u>Shaw</u> City	<u>MS</u> State	<u>38773</u> Zip Code	<u>NW 1/4 NE 1/4, Sec 23 T 20N R 07W</u>	
Telephone No. (____) _____			<u>7.14</u> Miles <u>SW</u> of <u>Shaw</u> (Distance) (Direction) (Nearest Town)	

Pump Type (check one)
 Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____
 Date Pump Installed: 6-3-20 Rated Pump Capacity: _____ 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: 30 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): 36 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 00008026 6-23-20 Peyton Overstreet
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

RECEIVED
 JUN 24 2020
 BY OLWR



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 29, 2020.

Sunflower Farms Inc / Larry Davis
1320 Litton Road
Shaw, MS 38773

RE: Receipt for Notification of Construction of Replacement Well MS-GW-51204
which will be replacing GW-10682 well located at
Location: NW1/4 of the NE 1/4 Section 23 Township 20N Range 07W County Bolivar
Latitude: 33.57353 Longitude -90.89241

Dear Sunflower Farms Inc / Larry Davis:

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

RECEIVED
JUN 24 2020
BY OLWIS