

STATE WELL REPORT

144

County: Bolivar
 Permit #: GW-51074
 Driller: Nes McMurry
 Date drilling completed: 5-7-20

**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 #: F 302
 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>Bush Land LLC</u>	Latitude: <u>33°51'28.97"</u> Longitude: <u>90°54'59.08"</u>
Mailing Address: <u>904 Medallion Dr</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Greenwood</u> <u>MS</u> <u>38930</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City State Zip Code	<u>NW</u> <u>SW</u> <u>NW</u> <u>SW</u> <u>10</u> T <u>23N</u> R <u>07W</u>
Telephone No. (____)	<u>.67</u> Miles <u>N</u> of <u>Malvina</u>
	(Distance) (Direction) (Nearest Town)

Well / Borehole Data

Date drilling started: 5-7-20 Date drilling completed: 5-7-20 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): log run Electric Gamma Ray Density Sonic Neutron Other: No Log

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: 34 feet above or below land surface Date measured: 5-8-20
(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: 10 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 76 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

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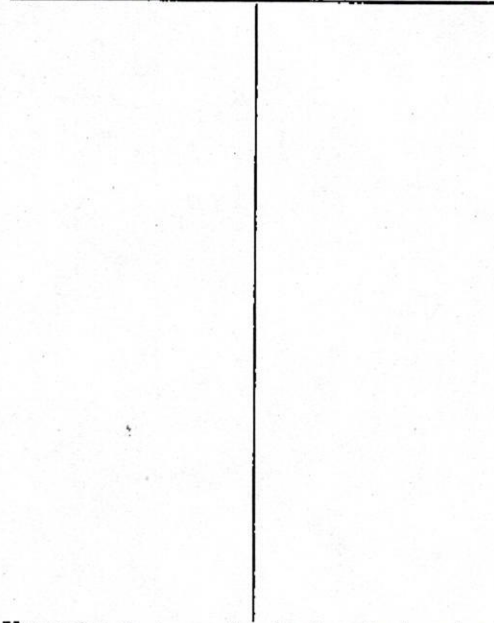
County: Bolivar
 Permit #: GW-51074

For Office Use Only:
 Well #: _____

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level →



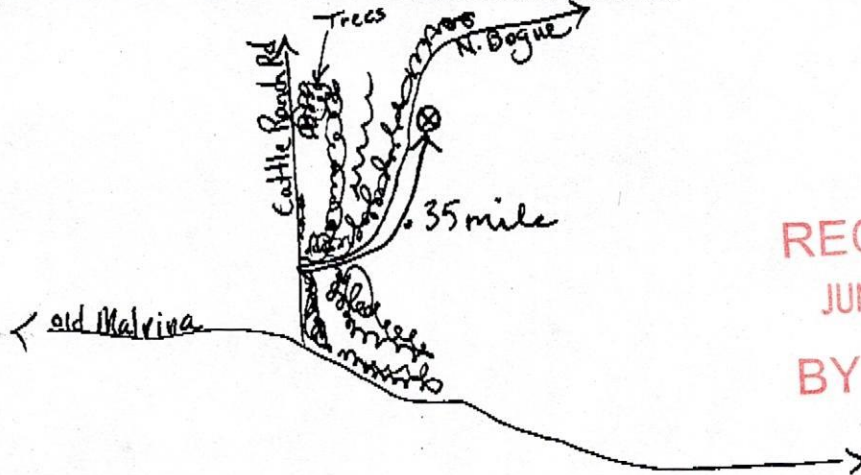
Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

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

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



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Landowner Name: Bush Land

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.

Peyton Overstreet 00008026
 Print/Name of Responsible Licensee and License No.

5-28-20
 Date

Peyton Overstreet
 Signature of Licensee

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 #: F 302
Aquifer: _____

County: Bolivar
Permit #: GW-51074
Driller: Wes McMurry
Date completed: 5-7-20
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>Bush Land, LLC</u>		Latitude:	<u>33°51'28.77"</u>	Longitude:	<u>90°54'59.08"</u>
Mailing Address:	<u>904 Medallion Dr</u>		Method of Lat/Long (check one):	Conventional Survey _____		
	<u>Greenwood</u>	<u>MS</u>	USGS quad	Hand-held GPS <input checked="" type="checkbox"/> Survey-grade GPS _____		
City	State	Zip Code	<u>NW 1/4 SW 1/4, Sec 10 T23N R07W</u>			
Telephone No. ()			<u>.57</u> Miles <u>N</u> of <u>Malvina</u>	(Distance) (Direction) (Nearest Town)		

Pump Type (check one)
 Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____
 Date Pump Installed: 5-8-20 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: 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): 34 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.

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I HEREBY CERTIFY that the above statements are true to the best of my knowledge.
Peyton Overstreet 00008026 5-28-20 Peyton Overstreet
 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
 P.O.Box 2309
 Jackson, Mississippi 39225

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 aliened, 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-51074 **Total Permitted Acreage:** 130

Landowner Name: BUSH LAND LLC
Landowner Address: 904 MEDALLION DRIVE
 GREENWOOD, MS 38930

Source of Water: MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER

Beneficial Use(s): IRRIGATION

Diversion/Withdrawal Location: NW 1/4 of the SW 1/4 **Section:** 10 **Township:** 23N **Range:** 07W

County: BOLIVAR **Quad:** BEULAH

Permitted Acreage: Irrigation: 130 **Fish Culture:** 0 **Wildlife Management:** 0

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

Applicant Name: C T DANNA FARMS
Applicant Address: 469 DATTLE ROAD
 ROSEDALE, MS 38769

Date Permit Issued: 02/13/2020

Date Permit Expires: 02/13/2025

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:

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

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Kay White