

**STATE WELL REPORT**

105

County: SUNFLOWER  
 Permit #: GW-51661  
 Driller: CHAD MATTOX  
 Date drilling completed: 6/24/21

**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 #: T 196  
 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.*

<b>Well Owner Information</b> (Landowner if borehole is not for a water well) Owner Name: <u>BARE BONES FARM</u> Mailing Address: <u>605 ROBERT E LEE DRIVE</u> <hr/> <u>GREENWOOD</u> <u>MS</u> <u>38930</u> City                      State                      Zip Code Telephone No. (____) _____			<b>Well or Borehole Location</b> Latitude: <u>33.319167</u> Longitude: <u>-90.579167</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>SE</u> <sup>1/4</sup> <u>SE</u> <sup>1/4</sup> , Sec <u>14</u> T <u>17N</u> R <u>04W</u> 1 Miles <u>S</u> of <u>INVERNESS</u> (Distance)      (Direction)      (Nearest Town)		
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**Well / Borehole Data**

Date drilling started: 6/24/21      Date drilling completed: 6/24/21      Hole depth: 130      Hole diameter: 24

Location of the source of any surface water used for drilling: NEARBY 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 (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: 25 feet  above /  below land surface      Date measured: 6/24/21  
 (select one)

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

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

Casing length: 90 feet      Casing diameter: 16 inches      Type of casing: PVC

Screen length: 40 feet      Screen diameter: 16 inches      Type of screen: PVC

Screen slot size: .050 inches      Setting depth: From 70 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: \_\_\_\_\_ feet

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

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

Job 21-0484  
Barebones

**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-51661 **Total Permitted Acreage:** 160

**Landowner Name:** BARE BONES FARM  
**Landowner Address:** 605 ROBERT E LEE DRIVE  
GREENWOOD, MS 38930

**Source of Water:** MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER

**Beneficial Use(s):** IRRIGATION, WILDLIFE MANAGEMENT

**Diversion/Withdrawal Location:** SE 1/4 of the SE 1/4 **Section:** 14 **Township:** 17N **Range:** 04W

**County:** SUNFLOWER **Quad:** INVERNESS

**Permitted Acreage:** **Irrigation:** 160 **Fish Culture:** 0 **Wildlife Management:** 120

**Maximum Volume:** See Special Terms And Conditions (attachment 1)

**Applicant Name:** BARE BONES FARM  
**Applicant Address:** 605 ROBERT E LEE DRIVE  
GREENWOOD, MS 38930

**Date Permit Issued:** 06/17/2021  
**Date Permit Expires:** 06/17/2026  
**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-GW-51156

**SPECIAL TERMS AND CONDITIONS 2:**

See Attachment 1 which is hereby declared part of this permit.

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*Kay White*



County: SUNFLOWER  
 Permit #: GW-51661

**For Office Use Only:**  
 Well #: \_\_\_\_\_

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level     

10	CASING
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) To (depth)	
	Ground level	10
FINE SAND & CLAY	10	20
FINE SAND	20	40
FINE SAND & CLAY	40	60
COARSE SAND	60	75
FINE SAND & CLAY	75	85
COARSE SAND	85	90
MED SAND, PEA GRAVEL & GRAVEL	90	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

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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.

CHAD MATTOX      UNR 8243      7/16/21      [Signature]  
 Print Name of Responsible Licensee and License No.      Date      Signature of Licensee



33°19'09.0"N 90°34'45.0"W - Google Maps

6/28/2021

Google Maps 33°19'09.0"N 90°34'45.0"W



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

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https://www.google.com/maps/@33.31909, -90.5829003, 29.47m/data=!3m1!1e3!4m5!3m4!1s90°0'0x018m2!3d33.3191667!4d-90.5791667



# 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 #: T 196

Aquifer: \_\_\_\_\_

County: SUNFLOWER  
 Permit #: GW-51661  
 Driller: CHAD MATTOX  
 Date completed: 6/19/21  
*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>BARE BONES FARM</u>			Latitude: <u>33.319167</u>	Longitude: <u>-90.579167</u>
Mailing Address: <u>605 ROBERT E LEE DRIVE</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>GREENWOOD</u>	<u>MS</u>	<u>38930</u>	SE <u>1/4</u> SE <u>1/4</u> , Sec <u>14</u> T <u>17N</u> R <u>04W</u>	
City	State	Zip Code	<u>1</u> Miles <u>S</u> of <u>INVERNESS</u> (Distance) (Direction) (Nearest Town)	
Telephone No. (____) _____				

Pump Type (select one)

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

Date Pump Installed: 6/25/21 Rated Pump Capacity: 3000 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: 70 feet Number of Stages: 1

Pump Test Data for Non Flowing Well

Date Well Tested: \_\_\_\_\_ Duration of Pump Test (minimum 4 hours): \_\_\_\_\_ hours

Static Water Level (A): 25 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

**I HEREBY CERTIFY that the above information you are providing is true and correct for agricultural wells.**

David P. Holt  
 Print Name

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