

# STATE WELL REPORT

482

County: Franklin  
 Permit #: \_\_\_\_\_  
 Driller: Fitzgerald Well Service  
 Date drilling completed: 12-19-20

**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 #: P 173  
 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>Molly Karmade</u>	Latitude: <u>31° 23' 27.1"</u> Longitude: <u>90° 45' 1.5"</u>
Mailing Address: <u>Freeman Rd</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>Smithdale</u> <u>MS</u>	<u>NW</u> ¼ <u>NW</u> ¼, Sec <u>19</u> T <u>5N</u> R <u>5E</u>
City State Zip Code	_____ Miles _____ of _____ (Distance) (Direction) (Nearest Town)
Telephone No. (____) _____	

**Well / Borehole Data**

Date drilling started: 12-19-20 Date drilling completed: 12-19-20 Hole depth: 226" Hole diameter: 8"

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):  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: 165' feet  above or  below land surface Date measured: 12-19-20  
(check one)

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

Well depth: 226' Well grouted to a depth of: 10' feet Type of grout (check one)  Neat Cement  Bentonite  Mix

Casing length: 216' feet Casing diameter: 4" inches Type of casing: Pvc

Screen length: 20' feet Screen diameter: 4" inches Type of screen: Pvc

Screen slot size: .010 inches Setting depth: From 216' feet to 226' 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

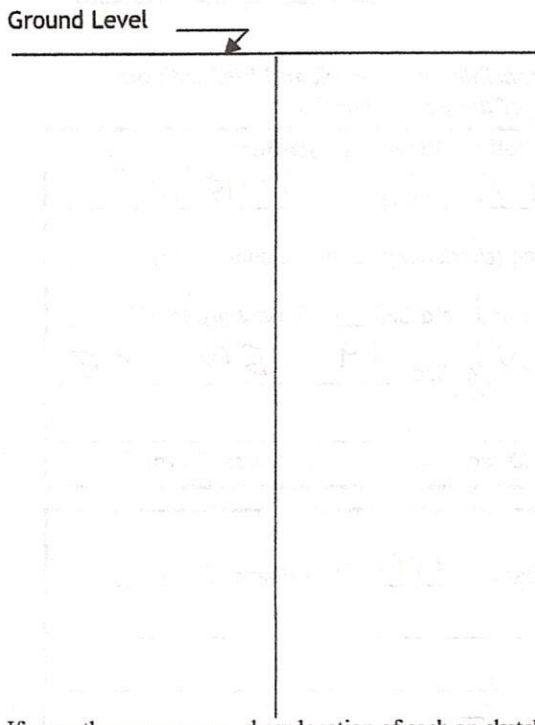
*If telescoped or more than one screen, describe on next page*

County: \_\_\_\_\_  
 Permit #: \_\_\_\_\_

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 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) Ground level	To (depth)
clay	0	20
Sand	20	80
clay	80	140
Sand.	140	180
clay	180	200
course Sand	200	226

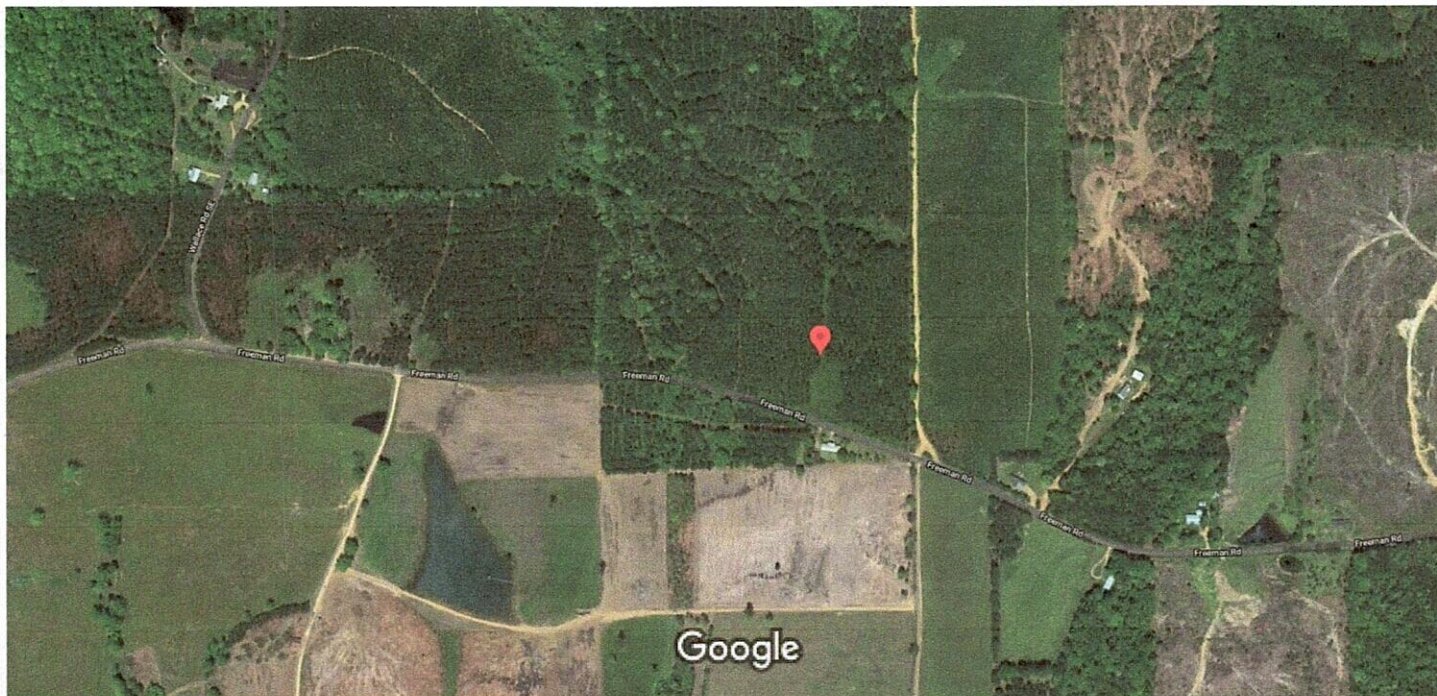
If more than one screen, show location of each on sketch

- 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

Landowner Name: Molly Varnado

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.

Brad Fitzgerald      029      12-19-20      Paul Hoff  
 Print Name of Responsible Licensee and License No.      Date      Signature of Licensee



Imagery ©2021 Maxar Technologies, USDA Farm Service Agency, Map data ©2021 200 ft

Molly Varnado

Freeman Rd.

12-19-20

226

165

200

3/4 HD

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JUN 28 2021  
BY OLWR

# 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 #: P 173  
 Aquifer: \_\_\_\_\_

County: Franklin  
 Permit #: \_\_\_\_\_  
 Driller: Fitzgerald Well Service  
 Date completed: 12-14-20  
*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>Molly Warrado</u>	Latitude: <u>31°23'27.1"</u> Longitude: <u>90°45'1.5"</u>
Mailing Address: <u>Fleming Rd</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>Smithdale</u> <u>MS</u>	<u>NW</u> ¼ <u>NW</u> ¼, Sec. <u>19</u> T. <u>5N</u> R. <u>5E</u>
City State Zip Code	_____ Miles _____ of _____ (Distance) (Direction) (Nearest Town)
Telephone No. (____) _____	

**Pump Type (check one)**

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

Date Pump Installed: 12-19-20 Rated Pump Capacity: 12 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: 3/4 Setting Depth: 200 feet Number of Stages: 12

**Pump Test Data for Non Flowing Well**

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

Static Water Level (A): \_\_\_\_\_ 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 (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

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JUN 28 2021  
BY OLWR

*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.

Brad Fitzgerald 024 12-14-20 Brad Fitzgerald  
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer