

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)961-5210
(601)360-0535 (fax)

For Office Use Only:

Well #: M405
Aquifer: _____
E-Log #: _____

County: DeSoto
Permit #: _____
Driller: Joey W. Mason
Date drilling completed: 8-29-17

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>Trent Rois</u> | Latitude: <u>34°47'18.46"N</u> Longitude: <u>89°48'18.73"W</u> |
| Mailing Address: <u>5000 Allen rd.</u> | Method of Lat/Long (check one): Conventional Survey _____ |
| <u>lot 2 fox glen sub.</u> | USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____ |
| <u>Hernando</u> <u>ms</u> <u>38632</u> | <u>3E</u> <input checked="" type="checkbox"/> <u>SW</u> <input checked="" type="checkbox"/> Sec <u>26</u> T <u>35</u> R <u>6W</u> |
| City State Zip Code | <u>7/8</u> Miles <u>SE</u> of <u>Cockrum</u> |
| Telephone No. (901) <u>508-6207</u> | (Distance) (Direction) (Nearest Town) |

| Well / Borehole Data |
|--|
| Date drilling started: <u>8-29-17</u> Date drilling completed: <u>8-29-17</u> Hole depth: <u>180</u> Hole diameter: <u>7"</u> |
| Location of the source of any surface water used for drilling: <u>N/A</u> |
| Method of dosing and volume of Chlorine used in drilling and development: <u>50 ppm and greater</u> |
| Logs run (circle all applicable): <u>No log run</u> Electric Gamma Ray Density Sonic Neutron Other: _____ |
| Name of organization running log(s): <u>N/A</u> |
| Purpose of borehole (circle one): <u>Water Well</u> Geotechnical/Geological Investigation Ground Source Heat Pump |
| Seismic Survey Other (describe) _____ |
| <i>If drilling is not related to water well construction, skip the remainder of this block</i> |
| Purpose of Well (circle all applicable): <u>Home</u> Industrial Public Supply Irrigation Fish Culture |
| Other (describe): <u>N/A</u> |
| If a flowing well, method of flow regulation: Valve <u>N/A</u> Other (describe) <u>N/A</u> |
| Static Water Level: <u>115</u> feet [above or <u>below</u> land surface] (circle one) Date measured: <u>8-29-17</u> |
| Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): <u>string level</u> |
| Well depth: <u>180</u> Well grouted to a depth of: <u>50</u> feet Type of grout (circle one): Neat Cement <u>Bentonite</u> Mix |
| Casing length: <u>170</u> feet Casing diameter: <u>4</u> inches Type of casing: <u>pvc</u> |
| Screen length: <u>10</u> feet Screen diameter: <u>4</u> inches Type of screen: <u>pvc</u> |
| Screen slot size: <u>010</u> inches Setting depth: From <u>170</u> feet to <u>180</u> feet |
| Type of completion (circle all applicable): <u>Gravel packed</u> Underreamed Open hole Natural Development |
| Other (describe): <u>N/A</u> |
| Top of lap pipe or reduction in casing: <u>N/A</u> feet |

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

Permit #: _____

Well #: M405

If well telescopes, show depths on sketch.

Ground Level

Description of Formations Encountered

From (*depth*)

To (depth)

[illegible]

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

A hand-drawn map of a property. A horizontal line represents a road or boundary. Above this line, on the left, is a rectangle labeled 'House'. A line labeled 'driveway' connects the house to the horizontal line. To the left of the driveway, the text 'Highway 300' is written vertically. Further left, the letter 'w' is written. Above the house, there is a circled 'X' with the word 'cell' written next to it. To the right of the driveway, the letter 'S' is written above the text 'Allen rd'. On the far right, there is some faint, illegible text that appears to be a stamp or a reference to a survey.

Landowner Name: Trent Ross

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.

Jones W. Mason O-620 9-26-17
Print Name of Responsible Licensee and License No. Date

Jason M. ...
Signature of Licensee

6/20/1918

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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 #: M405

Aquifer: _____

County: Desoto

Permit #: _____

Driller: Jones W. Mason

Date completed: 8-29-17

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

Owner Name: Trent Piers

Mailing Address: 5000 Allen rd

Lot 2 Fox Glen Sub

Hernando MS 38632
City State Zip Code

Telephone No. (901) 508-6207

Well Location

Latitude: 34°47'18.46"N Longitude: 89°48'18.73"W

Method of Lat/Long (check one): Conventional Survey _____

USGS quad _____, Hand-held GPS ☒, Survey-grade GPS _____

SE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec 26 T 35 R 6W

7.8 Miles SE of cockrum
(Distance) (Direction) (Nearest Town)

Pump Type (circle one)

☒ Submersible ☐ Turbine ☐ Air Lift ☐ Centrifugal ☐ Flowing Well ☐ Jet ☐ Piston ☐ Rotary ☐ Other (describe): _____

Date Pump Installed: 8-29-17 Rated Pump Capacity: 10 Gallons Per Minute

Is This Pump (circle one): ☒ New ☐ Repaired ☐ Replacement

Power Type (circle one)

☒ Electric ☐ Diesel ☐ Gasoline ☐ Natural Gas ☐ Tractor PTO ☐ Windmill ☐ Other (describe): _____

Horse Power Rating of Motor: 3/4 Setting Depth: 140 feet Number of Stages: 8

Pump Test Data for Non Flowing Well

Date Well Tested: 8-29-17 Duration of Pump Test (minimum 4 hours): 24 hours

Static Water Level (A): 115 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: 10 Gallons Per Minute

Method of measurement (circle one): Steel tape ☐ Electric tape ☐ Air line ☐ Other (describe): String level

Pump Test Data for Flowing Well

Measured shut in head: N/A feet.

Well yielded 10 GPM with a drawdown of N/A feet after 24 hours of pumping

Meter Installation

Meter Manufacturer: N/A Meter Serial Number: N/A

Meter Model Number/Name: N/A Type of Meter: N/A

Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): N/A

Installation Date: N/A Meter installed by: N/A

Is This Meter (circle 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.

Jones W. Mason 0-620 9-26-17 Jones W. Mason
Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer