

STATE WELL REPORT

Part I

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 #: T249

Aquifer: _____

E-Log #: _____

County: Bolivar
 Permit #: _____
 Driller: W. Bryant
 Date drilling completed: 4-2-17

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>Earl Gray</u>	Latitude: <u>33° 33.47' N</u> Longitude: <u>90° 49.16' W</u>
Mailing Address: <u>P.O. Box 585</u>	<u>33-33-28</u> <u>90-49-10</u>
<u>Hwy 450</u>	Method of Lat/Long (check one): <input type="checkbox"/> Conventional Survey
<u>Shaw</u> <u>MS</u> <u>38772</u>	USGS quad: _____ Hand-held GPS <input checked="" type="checkbox"/> Survey-grade GPS
City State Zip Code	<u>NW 1/4 NE 1/4 Sec 28 T20N R6W</u>
Telephone No. <u>(901) 827-6920</u>	<u>4</u> Miles <u>SW</u> of <u>Shaw MS</u>
	(Distance) (Direction) (Nearest Town)

Well / Borehole Data

Date drilling started: 4-2-17 Date drilling completed: 4-2-17 Hole depth: 125' Hole diameter: 7"

Location of the source of any surface water used for drilling: Marshy ditch

Method of dosing and volume of Chlorine used in drilling and development: None

Logs run (circle 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 (circle 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: 42 feet (above or below) land surface Date measured: 4-2-17

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

Well depth: 125 Well grouted to a depth of: 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 105 feet Casing diameter: 4 inches Type of casing: PVC

Screen length: 20 feet Screen diameter: 4 inches Type of screen: PVC slotted

Screen slot size: .016 inches Setting depth: From 105 feet to 125 feet

Type of completion (circle all applicable): Gravel packed Underreamed Open hole Natural Development

Other (describe): _____

Top of lap pipe or reduction in casing: 0 feet

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

RECEIVED

APR 10 2017

Form: OLWR-SWR-1A (4/13)

BY OLWR

County: Bolivar
 Permit #: _____

For Office Use Only:
 Well #: T249

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.

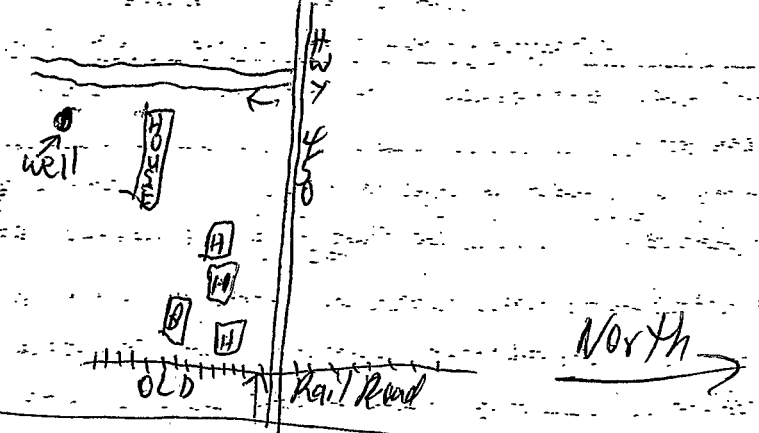
Ground Level _____

Description of Formations Encountered	From (depth)	To (depth)
Clay	Ground level	10
Brown Sand	10	20
Fine sand	20	30
Coarse Sand + gravel	30	70
gravel + rocks	70	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



Leland ms

Shaw ms

Landowner Name: Earl Gray Hwy 61 4-lane

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.

Print Name of Responsible Licensee and License No. Willie L. Bryant 0-639

Date 4-3-17

Signature of licensee Willie L. Bryant

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) 961-5240
 (601) 360-0535 (fax)

County: Bolivar
 Permit #: _____
 Driller: W. Bryant
 Date completed: 4-2-17
Copy information from block on Part 1

For Office Use Only:

Well #: T249
 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>Earl Gray</u>	Latitude: <u>33° 33' 47" N</u> Longitude: <u>090° 49' 16" W</u>
Mailing Address: <u>P.O. Box 585</u>	<u>33-33-28</u> Method of Lat/Long (check one): <input checked="" type="checkbox"/> 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 1/4 NE 1/4, Sec 28 T 20N R 6W</u>
Telephone No. <u>(901) 827-6920</u>	<u>4</u> Miles <u>SW</u> of <u>Shaw MS</u>
	(Distance) (Direction) (Nearest Town)

Pump Type (circle one)

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

Date Pump Installed: 4-2-17 Rated Pump Capacity: 60 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 Setting Depth: 80 feet Number of Stages: 8

Pump Test Data for Non Flowing Well

Date Well Tested: 4-3-17 Duration of Pump Test (minimum 4 hours): 4 hours

Static Water Level (A): 42 Feet Below Land Surface Pumping Water Level (B): 48 Feet Below Land Surface

Drawdown [(B) - (A)]: 6 Feet Below Land Surface Test Pumping Rate: 70 Gallons Per Minute

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

Pump Test Data for Flowing Well

Measured shut in head: _____ feet.

Well yielded 90 GPM with a drawdown of 10 feet after 4 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

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 DEDEQ website.

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

Willie L. Bryant 0-639 4-3-17 Willie L. Bryant
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer