

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 #: A 2166
Aquifer: _____
E-Log #: _____

County: Pike
Permit #: _____
Driller: Fitzgerald Well
Date drilling completed: 5-15-15

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>Ladd Johnston</u> | Latitude: <u>31° 19' 35"</u> Longitude: <u>90° 30' 50.2"</u> |
| Mailing Address: <u>Johnston Chapel Rd</u> | Method of Lat/Long (check one): Conventional Survey _____ |
| <u>Summit</u> <u>MS</u> | USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____ |
| City State Zip Code | <u>NW 1/4 SW 1/4, Sec 9 T 4N R 1E</u> |
| Telephone No. () _____ | _____ Miles _____ of _____ (Distance) (Direction) (Nearest Town) |

Well / Borehole Data

Date drilling started: 5-15-15 Date drilling completed: 5-15-15 Hole depth: 70' 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 (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: 30' feet [above or below] land surface Date measured: 5-15-15
(circle one)

Method of measurement (circle one): Steel tape Electric tape Air line Other (describe): _____

Well depth: 70' Well grouted to a depth of: 10' feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 60' feet Casing diameter: 4" inches Type of casing: PVC

Screen length: 10' feet Screen diameter: 4" inches Type of screen: PVC

Screen slot size: .010 inches Setting depth: From 60 feet to 70 feet

Type of completion (circle 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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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) Ground Level | To (depth) |
|---------------------------------------|---------------------------|------------|
| Clay | 0 | 20 |
| Sand | 20 | 40 |
| Clay | 40 | 50 |
| Sand | 50 | 60 |
| (white) Sand | 60 | 70 |
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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) a north arrow.

Landowner Name: Ladd Johnson

Form: OLWR-SWR-1A (04/08)

I 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. David Fitzgerald 079. Date 5-5-15, Signature of Licensee Bel [Signature]

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
(601)961-5210
(601)961-5228 (fax)

For Office Use Only:

Aquifer: _____
Well #: A-2466
Elevation: _____

County: Pike
Permit #: _____
Driller: Fitzgerald Well
Date completed: 5-15-15

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>Ladd Johnston</u> | Latitude: <u>31° 19' 35"</u> Longitude: <u>90° 30' 50.2"</u> |
| Mailing Address: <u>Johnston Chapel Rd</u> | Method of Lat/Long (check one): Conventional Survey _____ |
| <u>Summit</u> <u>MS</u> | USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____ |
| City State Zip Code | _____ ¼ _____ ¼ Sec _____ T _____ R _____ |
| Telephone No. (____) _____ | Distance _____ Direction _____ Nearest Town _____ |
| | _____ Miles _____ of _____ |

| Pump Type | Power Type |
|--|--|
| Circle one | Circle one |
| Air Lift <input type="checkbox"/> Jet <input type="checkbox"/> <u>Submersible</u> | Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input type="checkbox"/> |
| Bucket <input type="checkbox"/> Piston <input type="checkbox"/> Turbine <input type="checkbox"/> | <u>Electric Motor</u> <input type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/> |
| Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/> | Windmill <input type="checkbox"/> Other (specify): _____ |
| Other (specify): _____ | Horse Power Rating of Motor: <u>3/4</u> |
| Date Pump Installed: <u>5-15-15</u> | Setting Depth: <u>60'</u> feet |
| Rated Pump Capacity: <u>12</u> Gallons Per Minute | Number of Stages: <u>12</u> |

| Pump Test Data | Method of Measuring Water Level |
|--|--|
| Date Well Tested: _____ | Circle one |
| Static Water Level (A): _____ Feet Below Land Surface | Air Line <input type="checkbox"/> Electric Measuring Line <input type="checkbox"/> <u>Steel Tape</u> |
| Pumping Water Level (B): _____ Feet Below Land Surface | Other (specify): _____ |
| Drawdown [(B) - (A)]: _____ Feet Below Land Surface | For flowing well, measured shut in head: _____ feet |
| Test Pumping Rate: _____ Gallons Per Minute | Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping |
| Duration of Pump Test (minimum 4 hours): _____ hours | |

This is for (circle one): New Well Replacement of Existing Pump Repair of Existing Pump

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

Brad Fitzgerald 024 Bel
Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Form: OLWR-SWR-1709
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