

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 #: N 178
Aquifer: _____
E-Log #: _____

County: Amite
Permit #: _____
Driller: Fitzgerald Well
Date drilling completed: 4-15-15

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>Arrowhead Farms</u>	Latitude: <u>30° 9' 5.3"</u> Longitude: <u>90° 46' 30.8"</u>
Mailing Address: _____	Method of Lat/Long (check one): Conventional Survey _____
_____	USGS quad _____ Hand-held GPS _____ Survey-grade GPS _____
<u>Liberty</u> <u>ms</u>	<u>NW 1/4 SE 1/4, Sec 11 T 2N R 4E</u>
City State Zip Code	_____ Miles _____ of _____
Telephone No. (____) _____	(Distance) (Direction) (Nearest Town)

Well / Borehole Data

Date drilling started: 4-15-15 Date drilling completed: 4-15-15 Hole depth: 269' 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: 90' feet (above or below) land surface (circle one) Date measured: 4-15-15

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

Well depth: 269' Well grouted to a depth of: 10' feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 249' 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 249 feet to 269 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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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 #: N178
Elevation: _____

County: Amite
Permit #: _____
Driller: Fitzgerald Well
Date completed: 4-15-15

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>Arrowhead Farms</u>	Latitude: <u>31° 45.3"</u> Longitude: <u>90° 46' 38.9"</u>
Mailing Address: _____	Method of Lat/Long (check one): Conventional Survey _____
_____	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>Liberty</u> <u>MS</u>	_____ 1/4 _____ 1/4 Sec _____ T _____ R _____
City State Zip Code	Distance Direction Nearest Town
Telephone No. () _____	_____ Miles _____ of _____

Pump Type	Power Type
Air Lift Circle one Jet _____ <u>Submersible</u>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston _____ Turbine _____	<u>Electric Motor</u> Hand _____ Tractor PTO _____
Centrifugal Rotary _____ Flowing Well _____	Windmill _____ Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>5</u>
Date Pump Installed: <u>4-15-15</u>	Setting Depth: <u>180'</u> feet
Rated Pump Capacity: <u>60</u> Gallons Per Minute	Number of Stages: _____

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

Print Name of Pump Installer and License No. (if applicable) _____

Signature of Pump Installer _____

Form: OLWR-SWR-10 (01/15)

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BY: OLWR