

State Well Report

Part 1 - Driller's Log

Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 10631
Jackson, MS 39289-0631
(601)961-5210
(601)354-6938 (fax)

County: Amite
Permit #: _____
Driller: Fitzgerald Well Service
Date drilling completed: 10-12-05

For Office Use Only:
Aquifer: _____
Well #: N-135
L. S. Elevation: _____
E-log #: _____

State Law requires that this report be prepared by the license holder responsible for the completion of drilling of the well or borehole.

Information on Well Owner (If not the licensee, list licensee for a water well)	Well or Borehole Location
Mailing Address: <u>Mike Ferrell</u> <u>Dixon Rd</u> <u>Liberty MS</u> City State Zip Code	Latitude: _____ Longitude: _____ Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS ____ 1/4 ____ 1/4 Sec <u>25</u> Twn <u>2N</u> Rng <u>4E</u> Distance _____ Direction <u>South</u> Nearest Town <u>Liberty</u> _____ Miles of _____
Telephone No. (____) _____	
Well / Borehole Data	
Date drilling started <u>10-12-05</u> Date drilling completed: <u>10-12-05</u> Hole depth: <u>160'</u> Hole diameter: <u>8"</u>	
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): <u>No log run</u> Electric Gamma Ray Density Gamma Ray Spectrometry Name of organization running logs: _____	
Purpose of borehole (check one): Water Well <input checked="" type="checkbox"/> Geotechnical/Geological Investigation _____ Ground Source Heat Pump _____ Scientific Survey _____ Other (describe) _____	
If drilling is not related to water well construction, describe purpose: _____	
Purpose of Well (check one): Home _____ Industrial _____ Public Supply _____ Irrigation _____ Fish Culture <input checked="" type="checkbox"/> Other _____	
if a flowing well, method of flow regulation: Valve _____ Other (describe) _____	
Static Water Level: <u>56'</u> feet above or below (circle one) land surface Date measured: <u>10-12-05</u>	
Method of Measurement (circle one) <u>steel tape</u> electric tape air line other _____	
Well depth: <u>160'</u> Well grouted to a depth of <u>10'</u> feet Type of grout (circle one): Neat Cement <u>Benitec</u> Mix	
Casing length: <u>130'</u> feet Casing diameter: <u>4"</u> inches Type of casing: <u>Pvc</u>	
Screen length: <u>30'</u> feet Screen diameter: <u>4"</u> inches Type of screen: <u>Pvc</u>	
Screen slot size: <u>16-012/012/016</u> inches Setting depth: From <u>130'</u> feet to <u>160'</u> feet	
Type of completion (circle all applicable): <u>Gravel packed</u> Underreamed Telescoped Open hole Natural Development Other (describe): _____	
Top of lap pipe or reduction in casing: _____ <i>note: If telescoped or more than one screen, describe on next page</i>	

Form: OLWR-SWR-1A

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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 10631
 Jackson, MS 39289-0631
 (601)961-5210
 (601)354-6938 (fax)

County: Amite
 Permit #: _____
 Driller: Fitzgerald Well Serv.
 Date completed: _____
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: N-135
 Elevation: _____

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>Mike Ferrell</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>Dixon Rd</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Liberty ms</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City State Zip Code	_____ 1/4 _____ 1/4 Sec <u>25</u> T <u>2N</u> R <u>4E</u>
Telephone No. (____) _____	Distance Direction Nearest Town
	<u>3</u> Miles <u>South</u> of <u>Liberty</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input checked="" type="radio"/> <u>Submersible</u>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<input checked="" type="radio"/> <u>Electric Motor</u> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>5 HP</u>
Date Pump Installed: <u>10-12-05</u>	Setting Depth: <u>105'</u> feet
Rated Pump Capacity: <u>85'</u> Gallons Per Minute	Number of Stages: <u>?</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: _____	Air Line Electric Measuring Line <input checked="" type="radio"/> <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	

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

Brian Fitzgerald 029. Brian Fitzgerald
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Form: OLWR-SWR-1B

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