

State Well Report

Part I - 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 Serv
Date drilling completed: 3-6-07

For Office Use Only:
Aquifer: _____
Well #: N-144
L. S. Elevation: _____
E-log #: _____

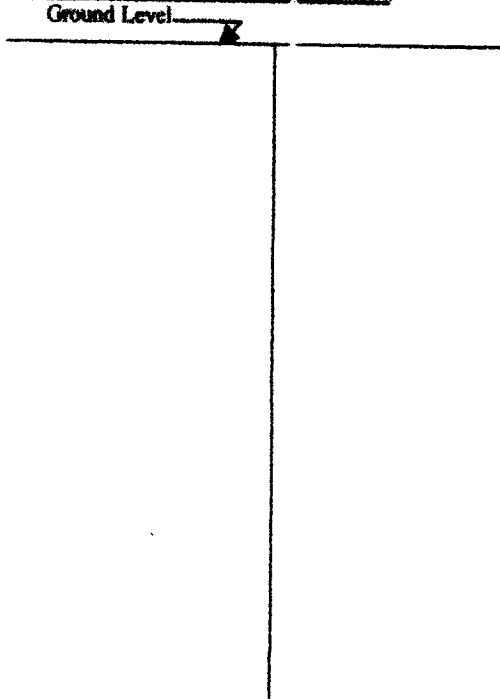
State Law requires that this report be prepared by the license holder responsible for the work and filed with the Department at the above address within 30 days of completion of drilling of the well or borehole.

Information on Well Owner (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>James Kirkland</u>	Latitude: <u>31° 9' 10"</u> Longitude: <u>90° 46' 49"</u>
Mailing Address: _____	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>Liberty</u> <u>MS</u> City State Zip Code	USGS quad, Hand-held GPS, Survey-grade GPS <u>1/4</u> <u>11</u> <u>2N</u> <u>4E</u>
Telephone No. () _____	Distance <u>1</u> Miles Direction <u>E</u> of Nearest Town <u>Liberty</u>
Well / Borehole Data	
Date drilling started: <u>3-6-07</u> Date drilling completed: <u>3-6-07</u> Hole depth: <u>150'</u> Hole diameter: <u>7"</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 Sonic Neutron Other: _____	
Name of organization running log(s): _____	
Purpose of borehole (check one): Water Well <input checked="" type="checkbox"/> 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 (check one): Home <input checked="" type="checkbox"/> Industrial _____ Public Supply _____ Irrigation _____ Fish Culture _____ Other: _____	
If a flowing well, method of flow regulation: Valve _____ Other (describe) _____	
Static Water Level: <u>100'</u> feet above or below (circle one) land surface Date measured: <u>3-6-07</u>	
Method of Measurement (circle one): <u>steel tape</u> electric tape air line other: _____	
Well depth: <u>150'</u> Well grouted to a depth of <u>10'</u> feet Type of grout (circle one): <u>(Neat Cement)</u> Bentonite Mix	
Casing length: <u>140'</u> feet Casing diameter: <u>4"</u> inches Type of casing: <u>PC</u>	
Screen length: <u>10'</u> feet Screen diameter: <u>4"</u> inches Type of screen: <u>PC</u>	
Screen slot size: <u>.012</u> inches Setting depth: From <u>140'</u> feet to <u>150'</u> feet	
Type of completion (circle all applicable): <u>Gravel packed</u> <u>Underreamed</u> Telescoped Open hole Natural Development	
Other (describe): _____	
Top of lap pipe or reduction in casing: _____ feet. <i>If telescoped or more than one screen, describe on next page</i>	

N-144

The sketch below only required for water wells.

If well telescopes, show depth on sketch.

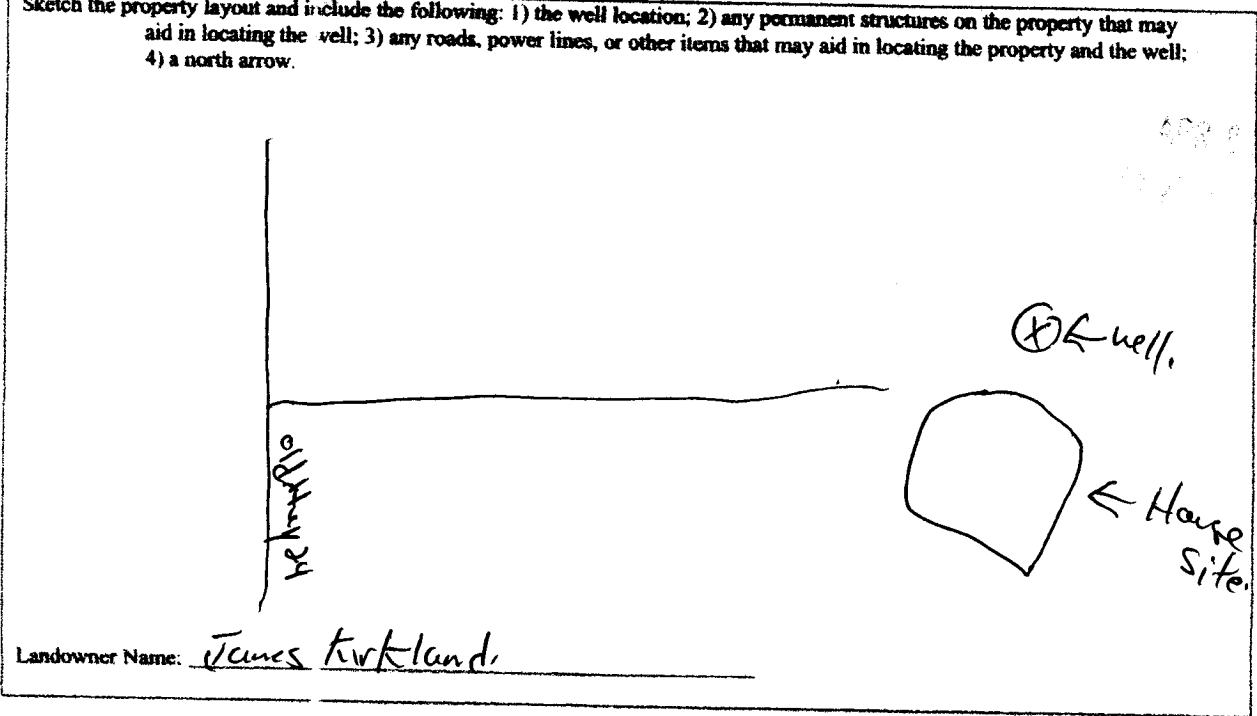


Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations.

Description of Formations Encountered	From (depth)	To (depth)
	Ground Level	
Clay	0	20
Sand	20	60
Clay	60	80
Sand	80	110
Clay	110	120
Sand	120	140
Coarse Sand	140	150

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: James Kirkland

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.

Brad Fitzgerald Reg. 029 3-6-07

Brad Fitzgerald

Print Name of Responsible Licensee and License No.

Date

Signature of Licensee

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: 3-6-07
Copy information from block on Part 1

For Office Use Only:

Appr #: _____
 Well #: N-144
 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>James Kirkland</u>	Latitude: <u>31° 9' 10"</u> Longitude: <u>90° 46' 49.6"</u> 49
Mailing Address: _____	Method of Lat/Long (check one): <input checked="" type="checkbox"/> Conventional Survey
<u>Liberty</u> <u>MS</u>	USGS quad _____ Hand-held GPS _____ Survey-grade GPS _____
City State Zip Code	_____ 1/4 _____ 1/4 Sec _____ R _____
Telephone No. (_____) _____	Distance _____ Direction _____ Nearest Town _____
	_____ Miles _____ of _____

Pump Type Circle one	Power Type Circle one
Air Lift <input type="checkbox"/> Jet <input checked="" 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 checked="" 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>3-6-07</u>	Setting Depth: <u>130</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 Circle one
Date Well Tested: _____	Air Line <input type="checkbox"/> Electric Measuring Line <input type="checkbox"/> <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 _____
Test Pumping Rate: _____ Gallons Per Minute	_____ feet after _____ hours of pumping
Duration of Pump Test (minimum 4 hours): _____ hours	

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

Brad Fitzgerald 009 Brad Fitzgerald
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer