

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

County: Plk
Permit #: _____
Driller: Fitzgerald Well Serv
Date drilling completed: 5-14-13

For Office Use Only:
Aquifer: _____
Well #: A259
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>Larry Richardson</u>	Latitude: <u>31° 20' 44.9"</u> Longitude: <u>90° 31' 51.8"</u>
Mailing Address: <u>Wells Rd.</u>	Method of Lat/Long (circle one): <u>AS</u> Conventional Survey, <u>52</u>
<u>Summit</u> <u>MS</u>	USGS quad, Hand-held GPS, Survey-grade GPS <input checked="" type="checkbox"/>
City State Zip Code	<u>NW 1/4 NW 1/4</u> Sec <u>5</u> <input checked="" type="checkbox"/> Twn <u>4N</u> <input checked="" type="checkbox"/> Rng <u>7E</u>
Telephone No. () _____	Distance Direction Nearest Town _____ Miles _____ of _____

Well / Borehole Data

Date drilling started: 5-14-13 Date drilling completed: 5-14-13 Hole depth: 130' 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 (check 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 (check one): Home Industrial _____ Public Supply _____ Irrigation _____ Fish Culture _____ Other: _____

If a flowing well, method of flow regulation: Valve _____ Other (describe) _____

Static Water Level: 70' feet above or below (circle one) land surface Date measured: 5-14-13

Method of Measurement (circle one) steel tape electric tape air line other: _____

Well depth: 130' Well grouted to a depth of 10' feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 120' feet Casing diameter: 4" inches Type of casing: PC

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

Screen slot size: .010 inches Setting depth: From 120' feet to 130' feet

Type of completion (circle all applicable): Gravel packed Underreamed Telescoped 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*

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

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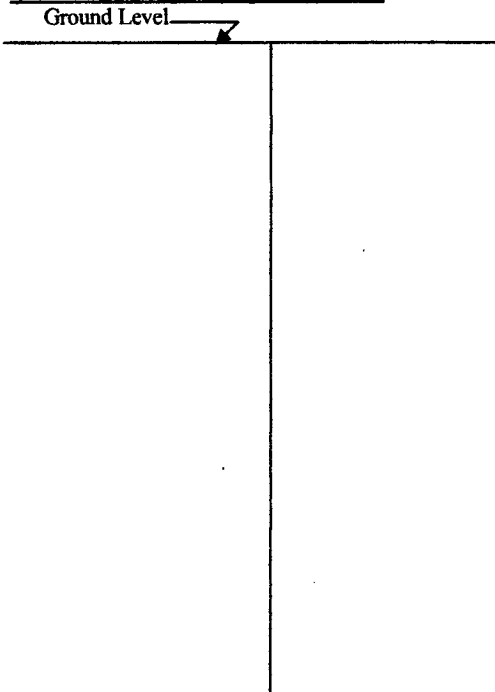
JUN 21 2013

BY: OLWR

The sketch below only required for water wells

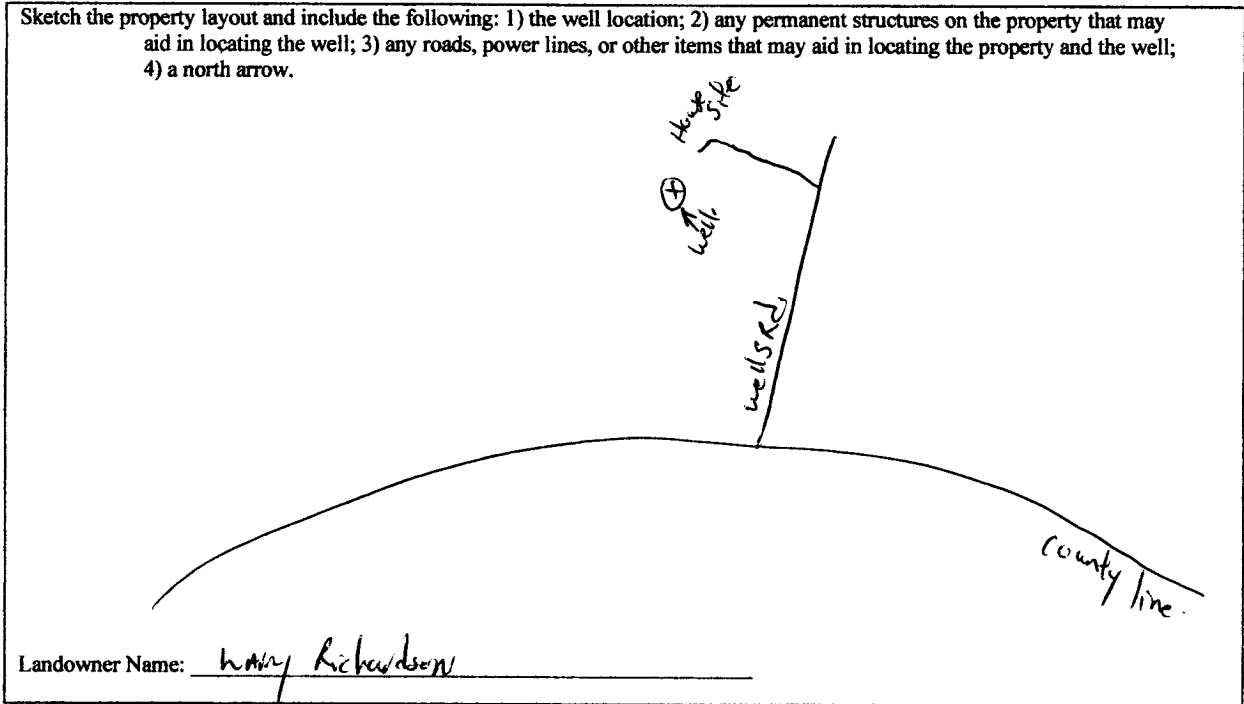
Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

If well telescopes, show depths on sketch.



Description of Formations Encountered	From (depth) Ground Level	To (depth)
Clay	0	20
Sand.	20	60
gravel	60	80
clay	80	100
Sand.	100	120
course Sand.	120	130

If more than one screen, show location of each on sketch



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.

Brian Fitzgerald 029 5-14-13

Print Name of Responsible Licensee and License No. Date

Brian Fitzgerald

Signature of Licensee

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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 #: A 259
 Elevation: _____

County: Pike
 Permit #: _____
 Driller: Fitzgerald Well Service
 Date completed: 5-14-13
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>Larry Richardson</u>	Latitude: <u>31° 20' 44.9"</u> Longitude: <u>90° 31' 51.8"</u>
Mailing Address: <u>Wells Rd.</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____ _____ 1/4 _____ 1/4 Sec <u>S</u> T <u>4N</u> R <u>7E</u>
<u>Summit</u> <u>MS</u> City State Zip Code	Distance _____ Miles Direction _____ of _____ Nearest Town _____
Telephone No. (____) _____	

Pump Type	Power Type
Circle one Air Lift: Jet <input type="checkbox"/> Submersible <input checked="" type="checkbox"/> Bucket: Piston <input type="checkbox"/> Turbine <input type="checkbox"/> Centrifugal: Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/> Other (specify): _____	Circle one Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input type="checkbox"/> Electric Motor <input checked="" type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/> Windmill <input type="checkbox"/> Other (specify): _____
Date Pump Installed: <u>5-14-13</u>	Horse Power Rating of Motor: <u>3/4</u>
Rated Pump Capacity: <u>12</u> Gallons Per Minute	Setting Depth: <u>105'</u> feet
	Number of Stages: <u>12</u>

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

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

Form: OLWR-SW-ETG (07-09)
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