

# 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)

### For Office Use Only:

Aquifer: \_\_\_\_\_  
Well #: E61  
L. S. Elevation: \_\_\_\_\_  
E-log #: \_\_\_\_\_

County: Leflore Franklin  
Permit #: \_\_\_\_\_  
Driller: Fitzgerald Well Service  
Date drilling completed: 11-25-14

**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.**

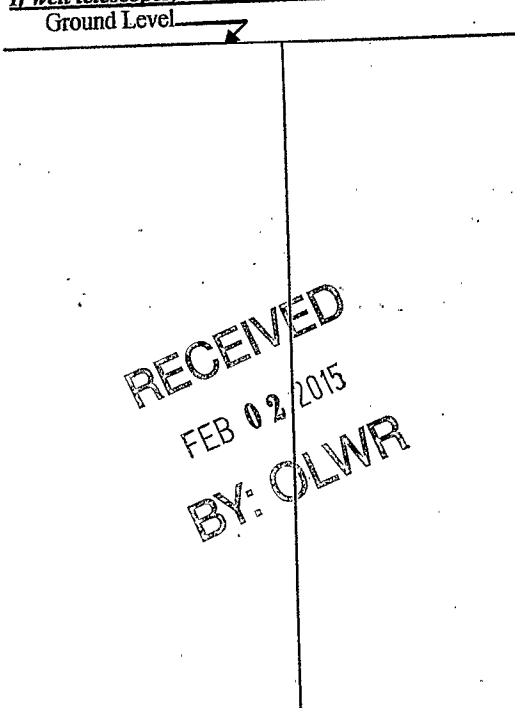
Information on Well Owner (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Robert Mathews</u>	Latitude: <u>31° 31' 35.6"</u> Longitude: <u>90° 41' 27.7"</u>
Mailing Address: _____ <u>McCall Creek</u> City _____ State _____ Zip Code _____	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS <u>SW 1/4 SE 1/4 Sec 34 Twn 7N Rng 5E</u>
Telephone No. ( ) _____	Distance _____ Miles Direction _____ of Nearest Town _____
Well / Borehole Data	
Date drilling started: <u>11-25-14</u> Date drilling completed: <u>11-25-14</u> Hole depth: <u>180'</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 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) _____ <b><i>If drilling is not related to water well construction, skip the remainder of this block.</i></b>	
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>80'</u> feet above or below (circle one) land surface Date measured: <u>11-25-14</u>	
Method of Measurement (circle one) <u>steel tape</u> electric tape air line other: _____	
Well depth: <u>180'</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>170'</u> feet Casing diameter: <u>4"</u> inches Type of casing: <u>Pvc</u>	
Screen length: <u>10'</u> feet Screen diameter: <u>4"</u> inches Type of screen: <u>Pvc</u>	
Screen slot size: <u>.010</u> inches Setting depth: From <u>170'</u> feet to <u>180'</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: _____ feet. <b><i>If telescoped or more than one screen, describe on next page</i></b>	

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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

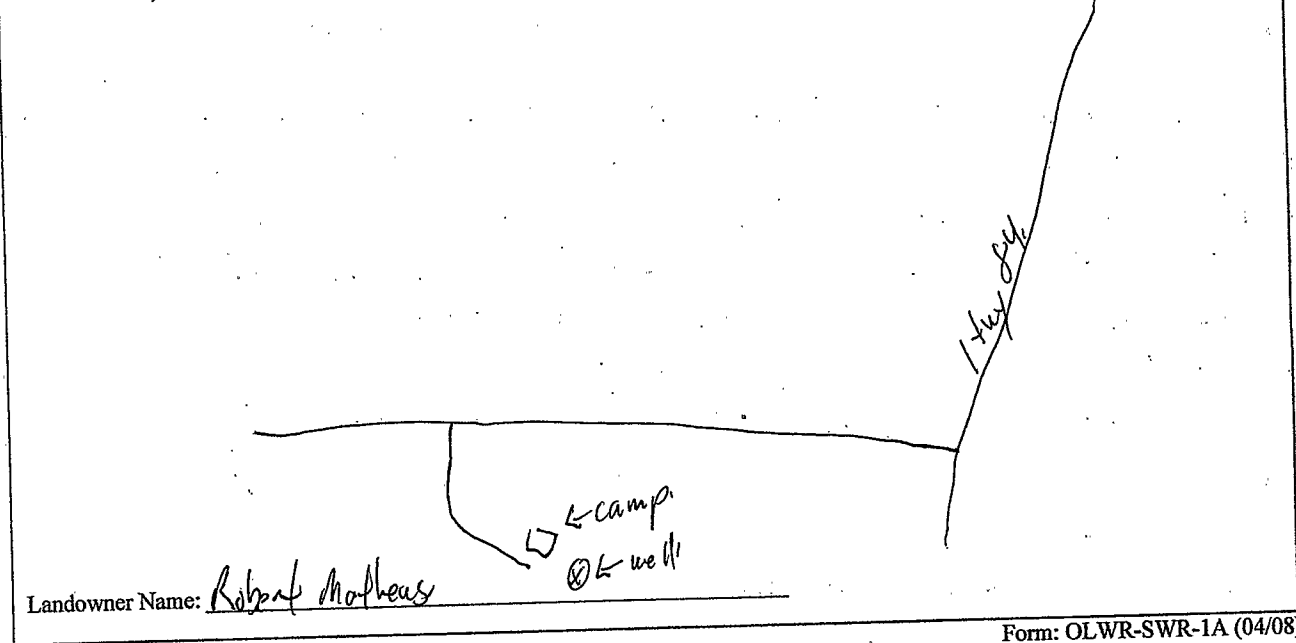
If well telescopes, show depths on sketch.



Description of Formations Encountered	From (depth) To (depth)	
	Ground Level	
clay	0	20
Sand	20	60
gravel	60	80
clay	80	160
Sand	160	170
large sand	170	180

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.



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. Brad Fitzgerald 029      Date 11-25-14      Signature of Licensee Brad Fitzgerald

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Franklin

### 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: BY: **OLWR**

Aquifer: \_\_\_\_\_  
Well #: E601  
Elevation: \_\_\_\_\_

County: Franklin  
Permit #: \_\_\_\_\_  
Driller: Fitzgerald Well Service  
Date completed: 11-25-14  
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>Robert Mathias</u>	Latitude: <u>31° 31' 35.6"</u> Longitude: <u>90° 41' 27.7"</u>
Mailing Address: _____	Method of Lat/Long (check one): Conventional Survey _____
<u>McCall Creek</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City State Zip Code	<u>SW 1/4 SE 1/4 Sec 34 T 7N R 5E</u>
Telephone No. ( ) _____	Distance Direction Nearest Town _____ Miles _____ of _____

Pump Type	Power Type
Circle one	Circle one
Air Lift Jet <input type="radio"/> <u>Submersible</u> <input checked="" type="radio"/>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<u>Electric Motor</u> <input checked="" type="radio"/> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1 1/2</u>
Date Pump Installed: <u>11-25-14</u>	Setting Depth: <u>110'</u> feet
Rated Pump Capacity: <u>72</u> Gallons Per Minute	Number of Stages: <u>8</u>

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