

# 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: Pike  
Permit #: \_\_\_\_\_  
Driller: Fitzgerald Well Service  
Date drilling completed: 3-30-09

For Office Use Only:  
Aquifer: \_\_\_\_\_  
Well #: C-127  
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>Mary Ann Jacobs</u>	Latitude: <u>31° 17' 35"</u> Longitude: <u>90° 16' 1.8"</u>
Mailing Address: <u>Hwy 44</u>	Method of Lat/Long (circle one): Conventional Survey, <u>02</u>
<u>Pike</u> <u>MS</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	<u>SW</u> 1/4 <u>SE</u> 1/4 Sec <u>23</u> Twn <u>4N</u> Rng <u>9E</u>
Telephone No. ( )	Distance Direction Nearest Town Miles of
Well / Borehole Data	
Date drilling started: <u>3-30-09</u>	Date drilling completed: <u>3-30-09</u> Hole depth: <u>122'</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>If drilling is not related to water well construction, skip the remainder of this block</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>49'</u> feet above or below (circle one) land surface Date measured: <u>3-30-09</u>	
Method of Measurement (circle one) <u>steel tape</u> electric tape air line other: _____	
Well depth: <u>122'</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>112'</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>.012</u> inches Setting depth: From <u>112'</u> feet to <u>122'</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>If telescoped or more than one screen, describe on next page</b>	

Form: OLWR-SWR-1A



The sketch below only required for water wells.

If well telescopes, show depths on sketch.

Ground Level →

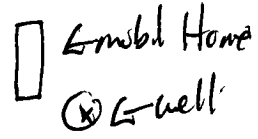
Large empty rectangular box for sketching well location and property layout.

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	100
Coarse Sand	100	120

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.



Handwritten text ' Hwy 44' with an arrow pointing to the right.

Landowner Name: Mary Ann Jacobs

Form: OLWR-SWR-1A

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.

Bud Fitzgerald      029      3-30-09

Bud Fitzgerald  
Signature of Licensee

Print Name of Responsible Licensee and License No.      Date

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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: Pike  
 Permit #: \_\_\_\_\_  
 Driller: Fitzgerald Well Seer  
 Date completed: 3-30-09  
*Copy information from block on Part 1*

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: C-127  
 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>Mary Ann Jacobs</u>	Latitude: <u>31° 17' 35.0"</u> Longitude: <u>90° 16' 1.8'</u>
Mailing Address: <u> Hwy 44</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Picecadule, MS</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City                      State                      Zip Code	_____ ¼ _____ ¼ Sec _____ T _____ R _____
Telephone No. ( _____ ) _____	Distance                      Direction                      Nearest Town
	_____ Miles                      of _____

Pump Type Circle one	Power Type Circle one
Air Lift                      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>1/2</u>
Date Pump Installed: <u>3-30-09</u>	Setting Depth: <u>80'</u> feet
Rated Pump Capacity: <u>12</u> Gallons Per Minute	Number of Stages: <u>8</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: _____	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
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.

Bruce Fitzgerald                      024                      Bruce Fitzgerald  
 Print Name of Pump Installer and License No. (if applicable)                      Signature of Pump Installer

Form: OLWR-SWR-1B

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