

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: Yalobusha
 Permit #: _____
 Driller: AALIFE WATER WELL
 Date drilling completed: JAN/09

For Office Use Only:
 Aquifer: _____
 Well #: 2-87
 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 <i>(Landowner if borehole is not for a water well)</i>	Well or Borehole Location
Owner Name: <u>Dr. Joe Walker</u>	Latitude: " " " Longitude: " " "
Mailing Address: <u>14213 Hwy 32</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>Water Valley</u> <u>Ms.</u> <u>38965</u>	<u>1/4</u> <u>1/4</u> Sec <u>12</u> Twp <u>24N</u> Rng <u>5W</u>
City State Zip Code	Distance Direction Nearest Town <u>2</u> Miles <u>WEST</u> of <u>WATER VALLEY</u>
Telephone No. () _____	

Well / Borehole Data

Date drilling started: 12/08 Date drilling completed: 1/09 Hole depth: 120' Hole diameter: 7 1/2"

Location of the source of any surface water used for drilling: NEAR BY LAKE
 Method of dosing and volume of Chlorine used in drilling and development: 100 PPM

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) IRRIGATION
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: 54 feet above below (circle one) land surface Date measured: 1/27/09

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

Well depth: 120' Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 100' feet Casing diameter: 4" inches Type of casing: PVC

Screen length: 20' feet Screen diameter: 4" inches Type of screen: PVC

Screen slot size: .013 inches Setting depth: From 100 feet to 120 feet

Type of completion (circle all applicable): Gravel packed _____ Underreamed _____ Telescoped _____ Open hole _____ Natural Development _____
 Other (describe): SAND PACKED

Top of lap pipe or reduction in casing: _____ feet. *If telescoped or more than one screen, describe on next page*

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: Yalobusha
 Permit #: _____
 Driller: Ratliff Water Well
 Date completed: JAN-09
 Copy information from block on Part 1

For Office Use Only:
 Aquifer: _____
 Well #: C-87
 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>DR. Joe Walker</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>14213 Hwy 32</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Water Valley Ms. 38965</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City State Zip Code	_____ 1/4 _____ 1/4 Sec <u>12</u> <u>T6N R 5W</u>
Telephone No. (____) _____	Distance _____ Direction _____ Nearest Town <u>US</u>
	<u>2</u> Miles <u>WEST</u> of <u>Water Valley</u>

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 P/T
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>3 h.p.</u>
Date Pump Installed: <u>1-27-09</u>	Setting Depth: <u>100</u> feet
Rated Pump Capacity: <u>50</u> Gallons Per Minute	Number of Stages: <u>14</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>1-27-09</u>	Air Line <u>Electric Measuring Line</u> Steel Tape
Static Water Level (A): <u>53</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>75</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown ((B) - (A)): <u>22</u> Feet Below Land Surface	Well yielded <u>50</u> GPM with a drawdown of
Test Pumping Rate: <u>50</u> Gallons Per Minute	<u>23</u> feet after <u>4</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>4</u> hours	

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.
Robert Ratliff 0-002 Robert E. Ratliff
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

Form: OLWR-SWR-1B

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