

State Well Report

Part 1

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)

For Office Use Only:

Aquifer: D 108
Well #: _____
L. S. Elevation: _____
E-log #: _____

County: Pearl River
Permit #: _____
Driller: AL HARRINGTON
Date drilling completed: 9/23/09

State Law requires that this report be prepared by the driller in detail and filed with the Department within 30 days of completion of drilling of the well.

Well Owner Information	Well Location
Owner Name: <u>Patricia Barnett</u>	Latitude: <u>30° 55' 29"</u> Longitude: <u>-89° 22' 57"</u>
Mailing Address: <u>164 Thomas School Rd</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>Lumberton MS 39475</u>	USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS
City State Zip Code	<u>9E 1/4 SW 1/4 Sec 27 Twn 15 Rng 14W</u>
Telephone No. () _____	Distance Direction Nearest Town
	<u>7 Miles SE of Lumberton</u>

Well Data

Purpose of Well (circle one) Home Industrial Public Supply Irrigation Fish Culture Other: _____

Date well drilling started: 9/23/09 Date well drilling completed: 9/23/09

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

Static Water Level: 91' feet above or below (circle one) land surface Date measured: 9/23/09

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

Hole depth: 176' Well depth: 170' Well grouted to a depth of 10' feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 160' feet Casing diameter: 4" inches Type of casing: PVC

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

Screen slot size: .008 inches Setting depth: From 160' feet to 170' 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 back of page

Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other: _____

Name of organization running log(s): _____

I certify that the well was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

AL HARRINGTON #0-564
Print Name of Water Well Contractor and License No.

AL Harrington
Signature of Water Well Contractor

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If well telescopes please sketch below and show depths.

D108

Ground Level

Description of Formations Encountered	From	To
Med Sandy Clay	0	28'
Fine clayey sand	28'	90'
medium sand	90'	100'
clay	100'	110'
sandy & clay	110'	140'
fine to med sand	140'	170'

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) indicate direction.

Landowner Name: Patricia Barnett

Al Harrington
Signature of Water Well Contractor

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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)

For Office Use Only:

Aquifer: D 108

Well #: _____

Elevation: _____

County: Pearl River
 Permit #: _____
 Driller: AL HARRINGTON
 Date completed: 9/23/09

This report should be prepared by the pump installer in detail and filed with the Department within 30 days of the installation of pump.

Well Owner Information	Well Location
Owner Name: <u>Patricia Barnett</u>	Latitude: <u>30° 55' 29"</u> Longitude: <u>89° 22' 57"</u>
Mailing Address: <u>164 Thomas School Rd</u>	Method of Lat/Long (circle one): Conventional Survey,
<u>Lumberton MS 39455</u>	USGS quad, <u>Hand-held GPS</u> , Survey-grade GPS
City State Zip Code	<u>SE ¼ SW ¼ Sec 27 Twn 19 Rng 14W</u>
Telephone No. () _____	Distance Direction Nearest Town
	<u>7 Miles SE of Lumberton</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input checked="" type="radio"/> <u>Submersible</u>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<input checked="" type="radio"/> <u>Electric Motor</u> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>1HP</u>
Date Pump Installed: <u>9/23/09</u>	Setting Depth: <u>123'</u> feet
Rated Pump Capacity: <u>206PM</u> Gallons Per Minute	Number of Stages: <u>206PM Pump out</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>9/23/09</u>	Air Line Electric Measuring Line <input checked="" type="radio"/> <u>Steel Tape</u>
Static Water Level (A): <u>91'</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>7123'</u> 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.

AL HARRINGTON #0-564 Al Harrington
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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 OCT 20 2009
 BY: OLWR