

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: _____
Well #: E-280
L. S. Elevation: _____
E-log #: _____

County: Lamar
Permit #: _____
Driller: AL HARRINGTON
Date drilling completed: 4/26/07

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>Larry Johnson</u>	Latitude: <u>31° 16.870'</u> Longitude: <u>89° 24.681'</u>
Mailing Address: <u>Richway Rd</u>	Method of Lat/Long (circle one): <u>16 52</u> Conventional Survey, <u>41</u>
<u>Hattiesburg MS 39472</u>	<u>USGS quad</u> Hand-held GPS, Survey-grade GPS
City State Zip Code	<u>NW 1/4 SE 1/4 Sec 28</u> ✓ Twn <u>4N</u> Rng <u>4W</u>
Telephone No. ()	Distance <u>1/2</u> Miles Direction <u>S</u> of Nearest Town <u>Oak Grove</u>

Well Data

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

Date well drilling started: 4/24/07 Date well drilling completed: 4/26/07

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

Static Water Level: 278' feet above or below (circle one) land surface Date measured: 4/26/07

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

Hole depth: 400' Well depth: 385' Well grouted to a depth of 10' feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 365 feet Casing diameter: 4" inches Type of casing: PVC

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

Screen slot size: .008 inches Setting depth: From 365 feet to 385 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): _____

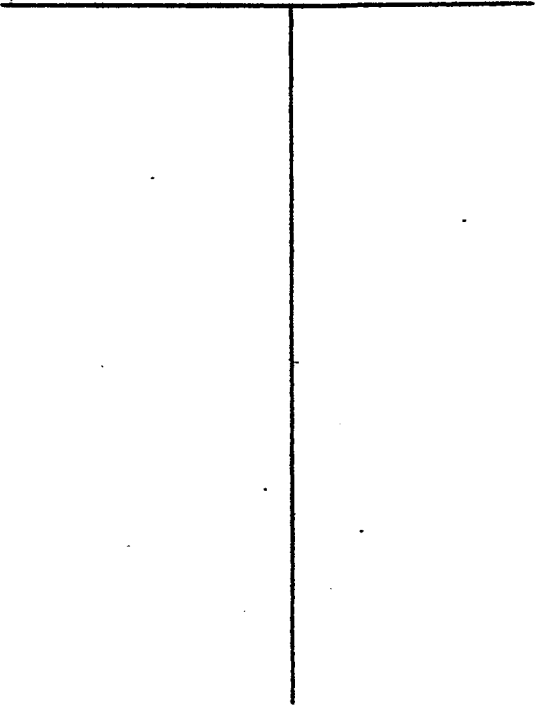
I certify that the well was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

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

RECEIVED
MAY 18 2007
BY: OLWR

If well telescopes please sketch below and show depths.

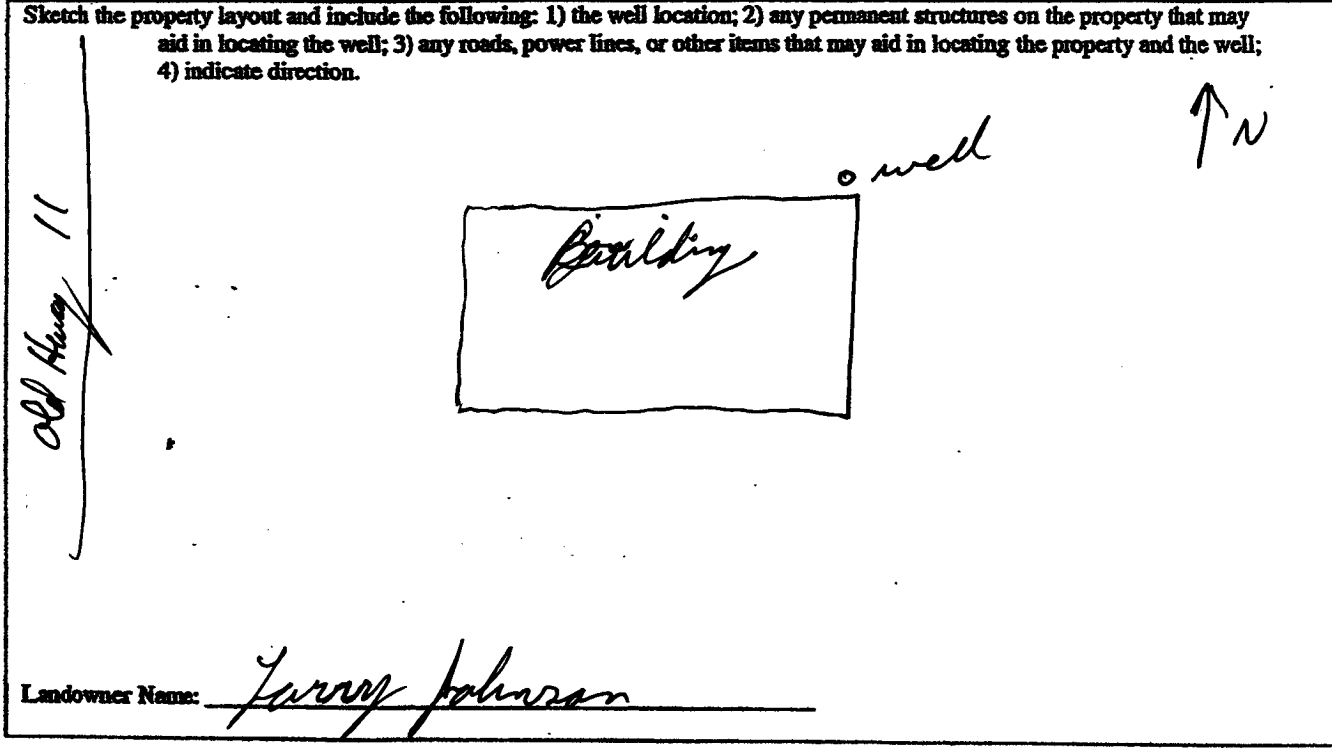
Ground Level



Description of Formations Encountered	From	To
Red clay	0	20'
slaty sand (red)	20	80'
med/fin red sand	80'	100'
fine sand	100'	142'
TAN clay	142'	162'
Fine white sand	162'	198'
Tan shaly clay	198'	290'
Blue clay	290'	354'
grey sand	354'	400'
sea gravel & sand at T.D.	400'	

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.



Signature of Water Well Contractor *Al Harrington*

RECEIVED
MAY 18 2007
BY: OLWR

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: _____

Well #: E-280

Elevation: _____

County: Lamar
 Permit #: _____
 Driller: AL HARRINGTON
 Date completed: 4/26/07

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>Larry Johnson</u>	Latitude: <u>31°16.870'</u> Longitude: <u>89°24.681'</u>
Mailing Address: <u>Richardson Rd</u>	Method of Lat/Long (circle one): <u>Hand-held GPS</u> , Survey-grade GPS
<u>Hattiesburg MS 39472</u>	USGS quad: _____
City: _____ State: _____ Zip Code: _____	<u>NW 1/4 SE 1/4 Sec 28 Twn 4N Rng 14W</u>
Telephone No. () _____	Distance: <u>1/2</u> Miles <u>S</u> of <u>Oak Grove</u>

Pump Type Circle one	Power Type Circle one
Air Lift: Jet <input type="radio"/> <u>Submersible</u> Bucket: Piston <input type="radio"/> Turbine <input type="radio"/> Centrifugal: Rotary <input type="radio"/> Flowing Well <input type="radio"/> Other (specify): _____	Diesel Engine <input type="radio"/> Gasoline Engine <input type="radio"/> Natural Gas <input type="radio"/> <u>Electric Motor</u> <input type="radio"/> Hand <input type="radio"/> Tractor PTO <input type="radio"/> Windmill <input type="radio"/> Other (specify): _____ Horse Power Rating of Motor: <u>5 HP</u> Setting Depth: <u>320'</u> feet Number of Stages: <u>35 GPM Pump and</u>
Date Pump Installed: <u>4/26/07</u>	
Rated Pump Capacity: <u>35</u> Gallons Per Minute	

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>4/26/07</u>	Air Line <input type="radio"/> Electric Measuring Line <input type="radio"/> <u>Steel Tape</u> <input type="radio"/>
Static Water Level (A): <u>278'</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>7320'</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 _____ feet after _____ hours of pumping
Test Pumping Rate: _____ Gallons Per Minute	
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
 Print Name of Pump Installer and License No. (if applicable)

Al Harrington
 Signature of Pump Installer

RECEIVED
 MAY 18 2007
 BY: OLWR