

State Well Report

Part I

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: Q 44
Well #: _____
L. S. Elevation: _____
E-log #: _____

County: Pearry
Permit #: _____
Driller: AL HARRINGTON
Date drilling completed: 4/4/11

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>W. G. Hickman</u>	Latitude: <u>30° 55' 47"</u> Longitude: <u>-89° 5' 44"</u>
Mailing Address: <u>East Bond Rd</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>Wiggins MS 39577</u>	USGS quad, <u>(Hand-held GPS)</u> Survey-grade GPS
City State Zip Code	<u>NW 1/4 SE 1/4 Sec 28 Twn 15 Rng 11W</u>
Telephone No. ()	Distance Direction Nearest Town <u>4.5 Miles E of Fruitland Park</u>

Well Data

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

Date well drilling started: 4/4/11 Date well drilling completed: 4/4/11

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

Static Water Level: 18' feet above or below (circle one) land surface Date measured: 4/4/11

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

Hole depth: 59' Well depth: 58' Well grouted to a depth of 10' feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 48' feet Casing diameter: 2" inches Type of casing: PVC

Screen length: 10' feet Screen diameter: 2" inches Type of screen: PVC

Screen slot size: 1008 inches Setting depth: From 48' feet to 58' 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): _____

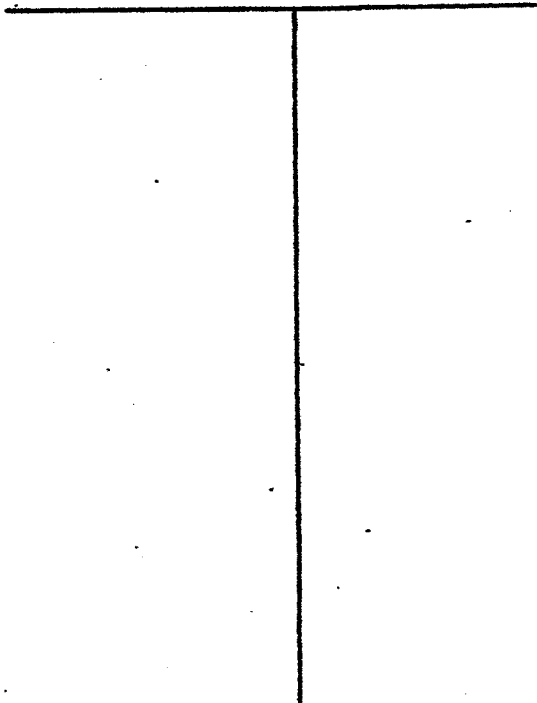
I certify that the well was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

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

If well telescopes please sketch below and show depths.

Q 44

Ground Level



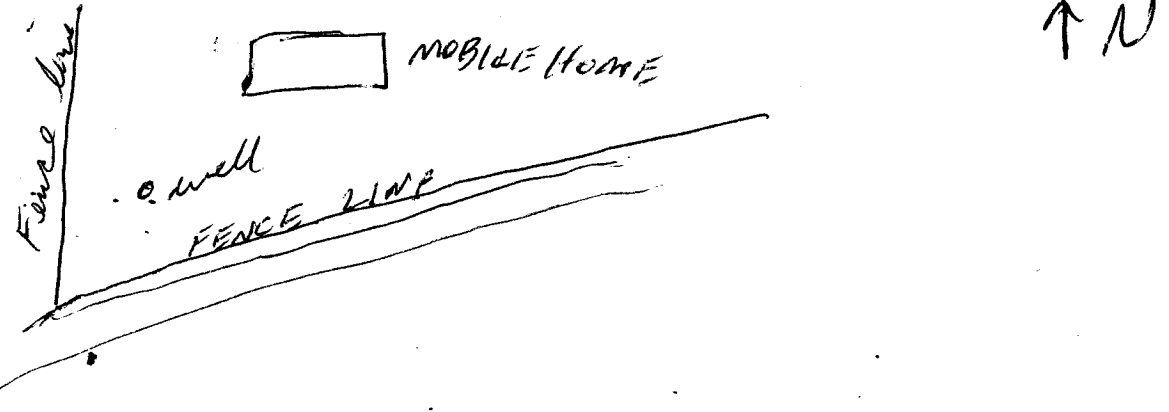
Description of Formations Encountered

From To

Description of Formations Encountered	From	To
Red clay	0	12'
lime red Band	12'	24'
med orange Band	24'	58'
Red & white mottled clay	58'	59'

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: W. G. Hickman

Al Harrington
Signature of Water Well Contractor

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 #: _____

Elevation: _____

County: Perry
 Permit #: _____
 Driller: AL HARRINGTON
 Date completed: 4/4/11

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>W. G. Hickman</u>	Latitude: <u>30° 55' 47"</u> Longitude: <u>-89° 5' 44"</u>
Mailing Address: <u>East Bend Rd</u>	Method of Lat/Long (circle one): Conventional Survey,
<u>Wiggins MS 39577</u>	USGS quad, <u>Hand-held GPS</u> Survey-grade GPS
City: _____ State: _____ Zip Code: _____	<u>NW ¼ SE ¼ Sec 28 Twn 15 Rng 11 W</u>
Telephone No. () _____	Distance: <u>4.5</u> Miles Direction: <u>E</u> of Nearest Town: <u>Friendland Park</u>

Pump Type Circle one	Power Type Circle one
Air Lift: <input checked="" type="radio"/> <u>Jet</u> Submersible Bucket: <input type="radio"/> Piston Turbine Centrifugal: <input type="radio"/> Rotary Flowing Well Other (specify): _____	Diesel Engine Gasoline Engine Natural Gas <input checked="" type="radio"/> <u>Electric Motor</u> Hand Tractor PTO Windmill Other (specify): _____
Date Pump Installed: <u>4/4/11</u>	Horse Power Rating of Motor: <u>1 HP Jet</u>
Rated Pump Capacity: <u>10</u> Gallons Per Minute	Setting Depth: <u>Jet at 30'</u> feet
	Number of Stages: <u>2 stage jet</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>4/4/11</u>	Air Line Electric Measuring Line <input checked="" type="radio"/> <u>Steel Tape</u>
Static Water Level (A): <u>18'</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>230'</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