

State Well Report

Part 1 - Driller's Log

Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 2309
Jackson, MS 39225
(601)961- 5210
(601)961- 5228 (fax)

County: Pearl River
Permit #: _____
Driller: Al Harvington
Date drilling completed: 9/29/14

For Office Use Only:
Aquifer: _____
Well #: G 70
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>USDA</u>	Latitude: <u>N 30° 39' 27.1"</u> Longitude: <u>-89° 38' 9.8"</u>
Mailing Address: <u>310 Highway 26 E. Poplarville, MS 39470</u>	Method of Lat/Long (circle one): <u>39</u> Conventional Survey,
City: _____ State: _____ Zip Code: _____	<u>USGS quad</u> , Hand-held GPS, Survey-grade GPS
Telephone No. (____) _____	<u>SW</u> 1/4 <u>NE</u> 1/4 Sec <u>31</u> Twn <u>49</u> Rng <u>16W</u>
	Distance _____ Miles Direction <u>5</u> of Nearest Town <u>McNEIL MS.</u>

Well / Borehole Data

Date drilling started: 9/25/14 Date drilling completed: 9/29/14 Hole depth: 286' Hole diameter: 6 7/8"

Location of the source of any surface water used for drilling: NONE

Method of dosing and volume of Chlorine used in drilling and development: 1 gal chlorine / 1250 gal H₂O

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) _____

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: 135' feet above or below (circle one) land surface Date measured: 9/29/14

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

Well depth: 288' Well grouted to a depth of 10 feet Type of grout (circle one) Neat Cement Bentonite Mix

Casing length: 273' feet Casing diameter: 4" inches Type of casing: PVC

Screen length: 15' feet Screen diameter: 4" inches Type of screen: PVC

Screen slot size: .008 inches Setting depth: From 273' feet to 288 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 next page*

Form: OLWR-SWR-1A (04/08)

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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 2309
Jackson, MS 39225
(601)961-5210
(601)961-5228 (fax)

County: Pearl River
Permit #: _____
Driller: Al Harrington
Date completed: 9/29/14
Copy information from block on Part 1

For Office Use Only:
Aquifer: _____
Well #: Q70
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>USDA</u>	Latitude: <u>N 70° 39' 27.1"</u> Longitude: <u>W 89° 38' 9.8"</u>
Mailing Address: <u>310 Highway 26E</u> <u>Caplarville MS 39470</u>	Method of Lat/Long (check one): Conventional Survey _____ <input checked="" type="checkbox"/> USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City _____ State _____ Zip Code _____	<u>SW 1/4 NE 1/4 Sec 31 T 45 R 16W</u>
Telephone No. (____) _____	Distance _____ Direction _____ Nearest Town _____ <u>.5 Miles S of McNeil</u>

Pump Type	Power Type
Circle one	Circle one
Air Lift <input type="checkbox"/> Jet <input type="checkbox"/> <input checked="" type="checkbox"/> Submersible	Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input type="checkbox"/>
Bucket <input type="checkbox"/> Piston <input type="checkbox"/> Turbine <input type="checkbox"/>	<input checked="" type="checkbox"/> Electric Motor <input type="checkbox"/> Hand <input type="checkbox"/> Tractor PTO <input type="checkbox"/>
Centrifugal <input type="checkbox"/> Rotary <input type="checkbox"/> Flowing Well <input type="checkbox"/>	Windmill <input type="checkbox"/> Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>5-HP</u>
Date Pump Installed: <u>9/29/14</u>	Setting Depth: <u>180'</u> feet
Rated Pump Capacity: <u>50</u> Gallons Per Minute	Number of Stages: <u>50 GPM Sub-Pump</u>

Pump Test Data	Method of Measuring Water Level
Date Well Tested: <u>9/29/14</u>	Circle one
Static Water Level (A): <u>135</u> Feet Below Land Surface	Air Line <input type="checkbox"/> Electric Measuring Line <input type="checkbox"/> <input checked="" type="checkbox"/> Steel Tape
Pumping Water Level (B): <u>7180'</u> Feet Below Land Surface	Other (specify): _____
Drawdown [(B) - (A)]: _____ Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Test Pumping Rate: _____ Gallons Per Minute	Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping
Duration of Pump Test (minimum 4 hours): _____ hours	

This is for (circle one): New Well Replacement of Existing Pump Repair of Existing Pump

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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Form: OLWR-SWR-1C (07-09)

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Google earth



USDA - McNeil Unit
 South MS Record + Extension unit
 N 30° 39' 27.1"
 - 89° - 38' 9.8"

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