

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 #: B-94
 L. S. Elevation: _____
 E-log #: _____

County: Sharkey
 Permit #: _____
 Irrigation Equipment
 Driller: _____
 Date drilling completed: 5-10-07

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>Patterson & Son</u>	Latitude: <u>33° 01' 15"</u> Longitude: <u>90° 44' 44"</u>
Mailing Address: <u>Box 475</u>	Method of Lat/Long (circle one): Conventional Survey,
<u>Rolling Fork MS 39159</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec <u>31</u> Twn <u>14N</u> Rng <u>5W</u>
Telephone No. () _____	Distance Direction Nearest Town <u>6</u> Miles <u>NE</u> of <u>Anguilla</u>

Well Data 3-19-07

Purpose of Well (circle one) Home Industrial Public Supply Pivot Irrigation Fish Culture Other Replacement

Date well drilling started: 5-10-07 Date well drilling completed: 5-10-07

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

Static Water Level: _____ feet above or below (circle one) land surface Date measured: _____

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

Hole depth: 117 Well depth: 117 Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 77 feet Casing diameter: 10 inches Type of casing: PVC160

Screen length: 40 feet Screen diameter: 10 inches Type of screen: PVC160

Screen slot size: .050 inches Setting depth: From 78 feet to 117 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.

Irrigation Equipment Inc.
 Patrick M. Chism 0695 / 0439

Print Name of Water Well Contractor and License No.

Signature of Water Well Contractor

Well drilled 3-19-07 pumped sand.
 Bad well is 20' NW.

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 #: B-94

Elevation: _____

County: Sharkey
 Permit #: _____
 Irrigation Equipment
 Driller: _____
 Date completed: 5-10-07

Copy information from block on Part 1

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>Patterson & Son</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>Box 475</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Rolling Fork MS 39159</u>	USGS quad _____ Hand-held GPS _____ Survey-grade GPS _____
City State Zip Code	_____ 1/4 _____ 1/4 Sec <u>31</u> T <u>14N</u> R <u>5W</u>
Telephone No. () _____	Distance Direction Nearest Town
	<u>6</u> Miles <u>NE</u> of <u>Anguilla</u>

Pump Type Circle one	Power Type Circle one
Air Lift <input type="checkbox"/> Jet <input type="checkbox"/> <u>Submersible</u>	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"/>	<u>Electric Motor</u> <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>40</u>
Date Pump Installed: _____	Setting Depth: <u>60</u> feet
Rated Pump Capacity: <u>700</u> Gallons Per Minute	Number of Stages: <u>2</u>

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

John P. Chism 0439

Print Name of Pump Installer and License No. (if applicable)

[Signature]
 Signature of Pump Installer

Form: OLWR-SWR-1B