

County: Sharkey
 Permit #: 6W 41633
 Irrigation Equipment
 Driller:
 Date drilling completed: 3-17-07

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 #: C 159
 L. S. Elevation:
 E-log #:

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: _____ Longitude: _____
Mailing Address: <u>Box 475</u>	Method of Lat/Long (circle one): <input type="radio"/> Conventional Survey, <input type="radio"/> USGS quad, <input type="radio"/> Hand-held GPS, <input type="radio"/> Survey-grade GPS
<u>Rolling Fork MS 39159</u>	<u>SW 1/4 SE 1/4 Sec 13 Twn 13N Rng 6W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. ()	<u>4 Miles East of Anguilla</u>

Well Data

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

Date well drilling started: 3-17-07 Date well drilling completed: 3-17-07

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

Static Water Level: 20' feet above or below (circle one) land surface Date measured: 3-29-07

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

Hole depth: 125 Well depth: 125 Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 85 feet Casing diameter: 12 inches Type of casing: PVC160

Screen length: 40 feet Screen diameter: 12 inches Type of screen: PVC160

Screen slot size: .050 inches Setting depth: From 86 feet to 125 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): _____

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 APR 17 2007
 YMD JOINT WATER MANAGEMENT DISTRICT

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

Print Name of Water Well Contractor and License No.

Patrick M. Chism
 Signature of Water Well Contractor

41633

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)

County: Sharkey
Permit #: GW41633
Irrigation Equipment
Driller: _____
Date drilling completed: 3-17-07

For Office Use Only:
Aquifer: _____
Well #: C-159
L. S. Elevation: _____
E-log #: _____

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: _____ Longitude: _____
Mailing Address: <u>Box 475</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>Rolling Fork MS 39159</u> City State Zip Code	<u>SW 1/4 SE 1/4 Sec 13 Twn 13N Rng 6W</u>
Telephone No. () _____	Distance Direction Nearest Town <u>4 Miles East of Anguilla</u>

Well Data

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

Date well drilling started: 3-17-07 Date well drilling completed: 3-17-07

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

Static Water Level: 20' feet above or below (circle one) land surface Date measured: 3-29-07

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

Hole depth: 125 Well depth: 125 Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 85 feet Casing diameter: 12 inches Type of casing: PVC160

Screen length: 40 feet Screen diameter: 12 inches Type of screen: PVC160

Screen slot size: .050 inches Setting depth: From 86 feet to 125 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

Print Name of Water Well Contractor and License No.

Signature of Water Well Contractor

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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)

County: Sharkey
 Permit #: 60041633
 Irrigation Equipment
 Driller: _____
 Date completed: 3-17-07

For Office Use Only:

Aquifer: _____
 Well #: C-159
 Elevation: _____

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>Patterson & Son</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>Box 475</u>	Method of Lat/Long (circle one): <input type="radio"/> Conventional Survey,
<u>Rolling Fork MS 39159</u>	<input type="radio"/> USGS quad, <input type="radio"/> Hand-held GPS, <input type="radio"/> Survey-grade GPS
City State Zip Code	_____ 1/4 _____ 1/4 Sec <u>13</u> Twn <u>13N</u> Rng <u>6W</u>
Telephone No. () _____	Distance Direction Nearest Town
	<u>4</u> Miles <u>East</u> of <u>Anguilla</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="radio"/> <u>Submersible</u> <input type="radio"/>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <input type="radio"/> Turbine <input type="radio"/>	<u>Electric Motor</u> <input type="radio"/> Hand <input type="radio"/> Tractor PTO
Centrifugal Rotary <input type="radio"/> Flowing Well <input type="radio"/>	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>50</u>
Date Pump Installed: <u>3-29-07</u>	Setting Depth: <u>60</u> feet
Rated Pump Capacity: <u>1000</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 Electric Measuring Line Steel Tape
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
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.

Patrick M. Chism 0695
 Print Name of Pump Installer and License No. (if applicable)

Patrick M. Chism
 Signature of Pump Installer

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