

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 #: F-204
L. S. Elevation: _____
E-log #: _____

County: Bolivar
Permit #: Gw40223
Irrigation Equipment
Driller: _____
Date drilling completed: 5-7-05

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>Arrow Brook/Scotland Farm</u>	Latitude: <u>33.48 35.3</u> Longitude: <u>90.57.47.2</u>
Mailing Address: <u>Box 98</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>Inverness, MS 38753</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec <u>30</u> Twn <u>23N</u> Rng <u>7W</u>
Telephone No. <u>662-265-5209</u>	SE Distance <u>2</u> Miles <u>NE</u> Direction of <u>Beulah</u> Nearest Town

Well Data

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

Date well drilling started: 5-7-05 Date well drilling completed: 5-7-05

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: 137' Well depth: 137' Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 107 feet Casing diameter: 16 inches Type of casing: PVC Sch. 40

Screen length: 30 feet Screen diameter: 16 inches Type of screen: PVC Sch. 40

Screen slot size: .050 inches Setting depth: From 108 feet to 137 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

Patrick M Chism
Signature of Water Well Contractor

Print Name of Water Well Contractor and License No.

Owner contracted with Peacock Pump & Repair (Cleveland, MS).
Part 2 will be completed by Peacock Pump & Repair.
Mailed Part 1 to DEQ 5-28-05.

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: Bolivar
 Permit #: _____
 Driller: _____
 Date completed: _____

For Office Use Only:

Aquifer: _____
 Well #: F-206
 Elevation: 204

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>Arrow Brook/Scotland Farm</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>Box 98</u>	Method of Lat/Long (circle one): Conventional Survey,
<u>Inverness, MS 38753</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	NW ₄ <u>NE</u> 1/4 Sec <u>32</u> Twn <u>23N</u> Rng <u>7W</u>
Telephone No. <u>(662)-265-5209</u>	Distance <u>SE</u> Direction <u>30</u> Nearest Town
	<u>2</u> Miles <u>NE</u> of <u>Beulah</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 Turbine	<u>Electric Motor</u> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>40</u>
Date Pump Installed: <u>5-16-05</u>	Setting Depth: <u>80'</u> feet
Rated Pump Capacity: <u>2000</u> Gallons Per Minute	Number of Stages: <u>1</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: _____	Air Line Electric Measuring Line <u>Steel Tape</u>
Static Water Level (A): <u>29'</u> 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.

Peacock's Pump & Repair Inc. 0-728P Tommy Peacock Jr.
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

RECEIVED
 JUN 16 2005
 BY OLWR