

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 #: K-122
L. S. Elevation: _____
E-log #: _____

County: Sunflower
Permit #: 01241606
Irrigation Equipment
Driller: _____
Date drilling completed: 3-16-07

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>Arrow Brook/Sunflower Farm</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>Box 98</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>Inverness MS 38753</u> City State Zip Code	SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec <u>13</u> Twn <u>20N</u> Rng <u>4W</u>
Telephone No. () <u>662-265-5209</u>	Distance Direction Nearest Town <u>3</u> Miles <u>NW</u> of <u>Sunflower</u>

Well Data

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

Date well drilling started: 3-16-07 Date well drilling completed: 3-16-07

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

Static Water Level: 44' feet above or below (circle one) land surface Date measured: 3-17-07

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: 16 inches Type of casing: PVC Sch. 40

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

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

Type of completion (circle all applicable): Gravel pack 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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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: Sunflower
 Permit #: 020416/06
 Irrigation Equipment
 Driller: _____
 Date completed: 3-16-07

For Office Use Only:

Aquifer: _____
 Well #: K-122
 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>Arrow Brook/Sunflower Farm</u> Mailing Address: <u>Box 98</u> <u>Inverness MS 38753</u> City State Zip Code <u>662-265-5209</u> Telephone No. () _____	Latitude: _____ Longitude: _____ Method of Lat/Long (circle one): <u>Conventional Survey</u> , USGS quad, Hand-held GPS, Survey-grade GPS <u>1/4 1/4 Sec 13 Twn 20N Rng 4W</u> Distance Direction Nearest Town <u>3 Miles NW of Sunflower</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet Submersible Bucket Piston <u>Turbine</u> Centrifugal Rotary Flowing Well Other (specify): _____ Date Pump Installed: <u>3-17-07</u> Rated Pump Capacity: <u>1800±</u> Gallons Per Minute	<u>Diesel Engine</u> Gasoline Engine Natural Gas Electric Motor Hand Tractor PTO Windmill Other (specify): _____ Horse Power Rating of Motor: <u>40</u> Setting Depth: <u>70</u> feet Number of Stages: <u>2</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: _____ Static Water Level (A): _____ Feet Below Land Surface Pumping Water Level (B): _____ Feet Below Land Surface Drawdown [(B) - (A)]: _____ Feet Below Land Surface Test Pumping Rate: _____ Gallons Per Minute Duration of Pump Test (minimum 4 hours): _____ hours	Air Line Electric Measuring Line Steel Tape Other (specify): _____ For flowing well, measured slant in head: _____ feet Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping

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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