

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 #: T-130
L. S. Elevation: _____
E-log #: _____

County: Sunflower
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>Lake Dawson Plantation</u>	Latitude: <u>33° 16' 50.1</u> Longitude: <u>90° 39' 12.9</u>
Mailing Address: <u>Box 690</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>Indianola</u> Ms. <u>38751</u>	<u>NE</u> ¼ <u>NW</u> ¼ Sec <u>32</u> Twn <u>17N</u> Rng <u>4W</u>
City State Zip Code	Distance Direction Nearest Town <u>5</u> Miles <u>SW</u> of <u>Inverness</u>
Telephone No. () _____	

Well Data

Purpose of Well (circle one) Home Industrial Public Supply Irrigation Fish Culture Other: _____
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: 29 feet above or below (circle one) land surface Date measured: 5-12-07
Method of Measurement (circle one) steel tape electric tape air line other: _____
Hole depth: 127 Well depth: 127 Well grouted to a depth of 10 feet
Type of grout (circle one): Cement Bentonite Mix
Casing length: 87 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 88 feet to 127 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.

Patrick M. Chism
Signature of Water Well Contractor

If well telescopes please sketch below and show depths.

Ground Level

Description of Formations Encountered	From	To
Clay	0	29
Fine Sand	30	40
Fine Sand + Gravel	41	45
Medium Sand + Gravel	50	127

If more than one screen, show location of each on sketch

Sketch the property layout and include the following: 1) the well location; 2) any permanent structures on the property that may aid in locating the well; 3) any roads, power lines, or other items that may aid in locating the property and the well; 4) indicate direction.

Landowner Name: *Lake Dawson Plantation*

Patma
Signature of Water Well Contractor

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 #: _____
 Driller: _____
 Date completed: 5-10-07

For Office Use Only:

Aquifer: _____
 Well #: T-130
 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>Lake Dawson Plantation</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>Box 690</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>Indianola</u> <u>Ms.</u> <u>38751</u>	<u>NE 1/4 NW 1/4 Sec 32 Twn 17N Rng 4W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. () _____	<u>5</u> Miles <u>SW</u> of <u>Inverness</u>

Pump Type Circle one	Power Type Circle one
Air Lift <input type="checkbox"/> Jet <input type="checkbox"/> Submersible <input type="checkbox"/>	Diesel Engine <input type="checkbox"/> Gasoline Engine <input type="checkbox"/> Natural Gas <input type="checkbox"/>
Bucket <input type="checkbox"/> Piston <input type="checkbox"/> <u>Turbine</u> <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>60</u>
Date Pump Installed: <u>5-12-07</u>	Setting Depth: <u>70</u> feet
Rated Pump Capacity: <u>2800</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 <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.

Patrick M. Chism 0695

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