

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 #: H-174
L. S. Elevation: _____
E-log #: _____

County: Sunflower
Permit #: 6W41861
Irrigation Equipment
Driller: _____
Date drilling completed: 6-6-07

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>Cottondale</u>	Latitude: <u>33° 41' 39.6"</u> Longitude: <u>90° 32' 02.9"</u>
Mailing Address: <u>P.O. Box 926</u>	Method of Lat/Long (circle one): <u>39</u> Conventional Survey, <u>03</u>
<u>Aberdeen</u> <u>Ms</u> <u>39730</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	<u>NE 1/4 NW 1/4</u> Sec <u>17</u> Twn <u>21N</u> Rng <u>3W</u>
Telephone No. () _____	Distance <u>2</u> Miles Direction <u>SE</u> of Nearest Town <u>Ruleville</u>

Well Data

Purpose of Well (circle one) Home Industrial Public Supply Irrigation Fish Culture Other: Replacement
Date well drilling started: 6-6-07 Date well drilling completed: 6-6-07
If flowing, method of flow regulation: Valve _____ Other (describe) _____
Static Water Level: 52 feet above or below (circle one) land surface Date measured: 6-7-07
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
Screen length: 40 feet Screen diameter: 16 inches Type of screen: PVC
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.

Signature of Water Well Contractor

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GW41861

H-174

If well telescopes please sketch below and show depths.

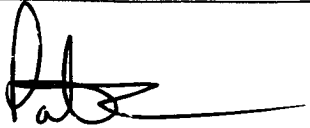
Ground Level

Description of Formations Encountered	From	To
Clay	0	48
Fine Sand + Gravel	49	54
Medium Sand + Gravel	55	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: Cottondale


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 #: CW 41861
 Driller: _____
 Date completed: 6-6-07

For Office Use Only:

Aquifer: _____
 Well #: H-174
 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>Cottendale</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>P.O. Box 926</u>	Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
<u>Aberdeen Ms 39730</u> City State Zip Code	<u>NE 1/4 NW 1/4 Sec. 17 Twn 21N Rng 3W</u>
Telephone No. () _____	Distance Direction Nearest Town <u>2 Mils SE of Ruleville</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet Submersible	<u>Diesel Engine</u> Gasoline Engine Natural Gas
Bucket Piston <u>Turbine</u>	Electric Motor Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>60</u>
Date Pump Installed: <u>6-7-07</u>	Setting Depth: <u>80</u> feet
Rated Pump Capacity: <u>2300 ±</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 _____ 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]
 Signature of Pump Installer

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JUL 03 2007

BY: OLWR