

03/18/05 FRI 09:28 FAX 6019332901

USGS MS DISTRICT

ORIGINAL

001

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: Washington
 Permit #: 6W-39726
 Irrigation Equipment
 Driller: _____
 Date drilling completed: 6-16-04

For Office Use Only:
 Aquifer: _____
 Well #: E-195F-132
 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>Bourbon Plantation</u>	Latitude: <u>33.25 24"</u> Longitude: <u>90.51 .52"</u>
Mailing Address: <u>Box 387</u>	Method of Lat/Long (circle one): <u>Conventional Survey,</u>
<u>Leland, MS 38756</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	NW <u>1/4</u> SW <u>1/4</u> Sec <u>7</u> Twn <u>18N</u> Rng <u>7W</u>
Telephone No. <u>(662) 686-4672</u>	Distance <u>3</u> Miles Direction <u>NE</u> of Nearest Town <u>Leland</u>

Well Data

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

Date well drilling started: 6-16-04 Date well drilling completed: 6-16-04

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

Static Water Level: 25ft. feet above or below (circle one) land surface Date measured: 6-19-04

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

Hole depth: 114' Well depth: 114' Well grouted to a depth of 10 feet

Type of grout (circle one): Cement Bentonite Mix

Casing length: 74 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 75 feet to 114 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

Print Name of Water Well Contractor and License No.

Signature of Water Well Contractor

RECEIVED

SEP 07 2004

BY: OLWR

03/18/05 FRI 09:28 FAX 6019332901

USGS MS DISTRICT

002

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: Washington
 Permit #: GW-39726
 Irrigation Equipment
 Driller:
 Date completed: 6-19-04

For Office Use Only:
 Aquifer:
 Well #: E-75 F-132
 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>Bourbon Plantation</u>	Latitude: _____ Longitude: _____
Mailing Address: <u>Box 387</u>	Method of Lat/Long (circle one): <u>Conventional Survey,</u>
<u>Leland, MS 38756</u>	USGS quad, Hand-held GPS, Survey-grade GPS
City State Zip Code	NW ¼ SW ¼ Sec <u>7</u> Twn <u>18N</u> Rng <u>7W</u>
<u>662-686-4672</u>	Distance Direction Nearest Town
Telephone No. () _____	<u>3</u> Miles <u>NE</u> of <u>Leland</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <u>Submersible</u>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <u>Turbine</u>	<u>Electric Motor</u> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>60</u>
Date Pump Installed: <u>6-19-04</u>	Setting Depth: <u>70</u> feet
Rated Pump Capacity: <u>2500-3000</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 Steel Tape
Static Water Level (A): <u>25</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.

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

Patrick M. Chism
 Signature of Pump Installer

RECEIVED
 SEP 07 2004
 BY: OLWR

03/18/05 FRI 09:29 FAX 6019332901

USGS MS DISTRICT

003

~~E-175~~

If well telescopes please sketch below and show depths.

Ground Level F-132

E-175

Description of Formations Encountered	From	To
Clay	0	15
Fine Sand	16	27
Fine Sand/gravel	28	50
Med. Sand/gravel	51	114

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: Bourbon Plantation

Patrick M. Chis
Signature of Water Well Contractor