

# 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: Humphreys  
Permit # GW 40352  
Irrigation Equipment  
Driller: \_\_\_\_\_  
Date drilling completed: 9-14-05

For Office Use Only:  
Aquifer: \_\_\_\_\_  
Well #: J-110  
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
U.S. Fish & Wildlife Services Owner Name c/o Theodore Roosevelt NWR Mailing Address:  728 Yazoo Refuge Road  Hollandale MS 38748 City State Zip Code Telephone No. (662)-839-2638	Latitude: <u>33° 01' 19" N</u> Longitude: <u>90° 24' 73" W</u> Method of Lat/Long (circle one): Conventional Survey, <u>44</u> USGS quad, Hand-held GPS, Survey-grade GPS <u>NW</u> $\frac{1}{4}$ NW $\frac{1}{4}$ Sec 33 Twn 14N Rng 2W Distance Direction Nearest Town <u>5</u> Miles <u>NE</u> of <u>Carter</u>

**Well Data**

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

Date well drilling started: 9-14-05 Date well drilling completed: 9-14-05

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

Static Water Level: 20' feet above or below (circle one) land surface Date measured: 10-3-05

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 77 feet to 116 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

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OCT 11 2005  
BY: OLWR



# 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: Humphreys  
 Permit #: 6W40352  
 Irrigation Equipment  
 Driller: \_\_\_\_\_  
 Date completed: 10-3-05

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: J-110  
 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
U.S. Fish & Wildlife Services Owner Name: _____ c/o Theodore Roosevelt NWR Mailing Address: _____ <u>728 Yazoo Refuge Road</u> <u>Hollandale MS 38748</u> City State Zip Code <u>662-839-2638</u> Telephone No. (____) _____	Latitude: _____ Longitude: _____ Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS <u>NW ¼ NW ¼ Sec 33 Twn 14N Rng 2W</u> Distance Direction Nearest Town <u>5 Miles NE of Carter</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>10-3-05</u> Rated Pump Capacity: <u>2500-3000</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>60</u> Setting Depth: <u>70</u> feet Number of Stages: <u>1</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 shut 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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OCT 11 2005

BY: OLWR