County: Humphreys
Permit #: GW-44286
Driller: Irrigation Equipment
Date drilling completed: 9-21-10

State Well Report
Part 1 – Driller's Log

Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 2309
Jackson, MS 39225
(601)961- 5210
(601)961- 5228 (fax)

For Office Use Only:
Aquifer: ~~G 81~~
Well #: J143
L. S. Elevation:
E-log #:

State Law requires that this report be prepared by the license holder responsible for the work and filed with the Department at the above address within 30 days of completion of drilling of the well or borehole.

Information on Well Owner
(Landowner if borehole is not for a water well)

Owner Name: U.S. Fish + Wildlife Service
Mailing Address: 13695 River Rd.
Yazoo City Ms. 39194
City State Zip Code
Telephone No. ( )

Well or Borehole Location

Latitude: 33-01-05.7 Longitude: 90-25-12.6
Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
SW ¼ NE ¼ Sec. 32 Twn. 14N Rng. 2W
Distance 2 Miles Direction NE of Nearest Town Carter

Well / Borehole Data

Date drilling started: 9-21-10 Date drilling completed: 9-21-10 Hole depth: 126 Hole diameter: 24"
Location of the source of any surface water used for drilling: Surface Water
Method of dosing and volume of Chlorine used in drilling and development: 50 PPM
Logs run (circle all applicable): No log run Electric Gamma Ray Density Sonic Neutron Other:
Name of organization running log(s):
Purpose of borehole (check one): Water Well ✓ Geotechnical/Geological Investigation ___ Ground Source Heat Pump ___
Seismic Survey ___ Other (describe)
If drilling is not related to water well construction, skip the remainder of this block

Purpose of Well (check one): Home ___ Industrial ___ Public Supply ___ Irrigation ✓ Fish Culture ___ Other:
If a flowing well, method of flow regulation: Valve ___ Other (describe)
Static Water Level: 18 feet above or below (circle one) land surface Date measured: 9-22-10
Method of Measurement (circle one) steel tape electric tape air line other:
Well depth: 126 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix
Casing length: 86 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 87 feet to 126 feet
Type of completion (circle all applicable): Gravel packed Undereamed 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 next page*

Form: OLWR-SWR-1A (04/08)

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BY

~~687~~ J143

The sketch below only required for water wells.

If well telescoped, show depths on sketch.

Ground Level

Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations.

Description of Formations Encountered	From (depth)	To (depth)
Clay	Ground Level	19
Fine Sand	20	36
Fine Sand & Gravel	37	67
Medium Sand & Gravel	68	126

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) a north arrow.

Landowner Name: U.S. Fish & Wildlife Service

Form: OLWR-SWR-1A (04/03)

I certify that the well/borehole was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and the Mississippi Department of Health regulations, if applicable, and state laws.

Patrick M Chism 0695

Print Name of Responsible Licensee and License No. | Date | Signature of Licensee

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County: Humphreys
Permit #: GW-44286
Driller: Irrigation Equipment
Date completed: 9-21-10
Copy information from block on Part 1

STATE WELL REPORT
Part 2

Pump Installer's Completion Report
Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 2309
Jackson, MS 39225
(601)961-5210
(601)961-5228 (fax)

For Office Use Only:
Aquifer:
Well #: J143
Elevation:

This part of the report must be completed by a licensed water well contractor or a licensed pump installer. A copy of Part 1 of the report must be attached and both parts filed with the Department at the above address within 30 days of well completion.

Well Owner Information

Owner Name: U.S. Fish & Wildlife Service
Mailing Address: 13695 River Rd.
Yazoo City Ms. 39194
City State Zip Code
Telephone No. ( )

Well Location

Latitude: Longitude:
Method of Lat/Long (check one): Conventional Survey ___, USGS quad ___, Hand-held GPS ✓, Survey-grade GPS ___
SW ¼ NE ¼ Sec. 32 T 14N R 2W
Distance 2 Miles Direction NE of Nearest Town Carter

Pump Type
Circle one

Air Lift	Jet	Submersible
Bucket	Piston	Turbine
Centrifugal	Rotary	Flowing Well

Other (specify):
Date Pump Installed: 9-22-10
Rated Pump Capacity: 2500± Gallons Per Minute

Power Type
Circle one

Diesel Engine	Gasoline Engine	Natural Gas
Electric Motor	Hand	Tractor PTO
Windmill	Other (specify):	

Horse Power Rating of Motor: 60
Setting Depth: 70 feet
Number of Stages: 1

Pump Test Data

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

Method of Measuring Water Level
Circle one
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

This is for (circle one): New Well Replacement of Existing Pump Repair of Existing Pump

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

Form: OLWR-SWR-1C (07-09)

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