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 #: GW40364
Driller: Irrigation Equipment
Date drilling completed: 9-13-05

For Office Use Only:
Aquifer:
Well #: J-112
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

Owner Name: U.S. Fish & Wildlife Services
Mailing Address: c/o Theodore Roosevelt NWR
728 Yazoo Refuge Road
Hollandale MS 38748
City State Zip Code
Telephone No. (662-839-2638)

Well Location

Latitude: 33° 00' 96" N Longitude: 90° 25' 11" W
Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
NE ¼ SE ¼ Sec 32 Twn 14N Rng 2W
Distance 5 Miles Direction NE of Nearest Town Carter

Well Data

Purpose of Well (circle one) Home Industrial Public Supply Irrigation Fish Culture Other:
Date well drilling started: 9-13-05 Date well drilling completed: 9-13-05
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 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

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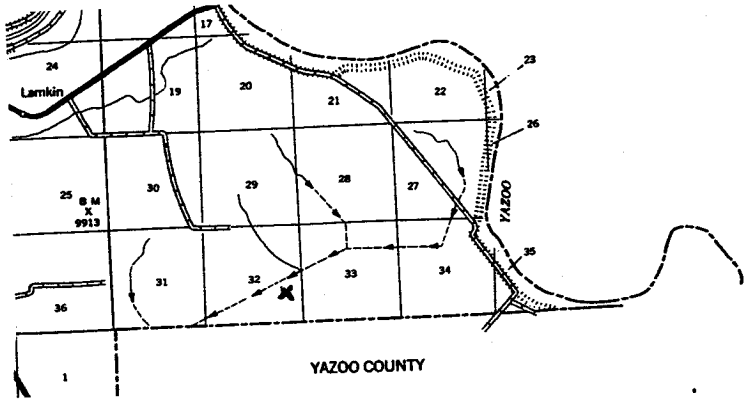
If well telescopes please sketch below and show depths.

Ground Level

Description of Formations Encountered	From	To
Clay	0	19
Fine Sand	20	55
Fine Sand/gravel	56	65
Med. Sand/gravel	66	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: _____

Patrick M Chen

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: Humphreys
Permit #: GW 40364
Driller: Irrigation Equipment
Date completed: 10-3-05

For Office Use Only:
Aquifer:
Well #: J-112
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

Owner Name: U.S. Fish & Wildlife Services
Mailing Address: c/o Theodore Roosevelt NWR
728 Yazoo Refuge Road
Hollandale, MS 38748
City State Zip Code
Telephone No. (662) 839-2638

Well Location

Latitude: Longitude:
Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS
NE ¼ SE ¼ Sec 32 Twn 14N Rng 2W
Distance 5 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: 10-3-05
Rated Pump Capacity: 2500-3000 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

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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