County: Sunflower

Permit #: GW44604

Driller: Irrigation Equipment

Date drilling completed: 9-28-2010

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: L 223

Well #:

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: Tackett Fish Farm

Mailing Address: 23939 County Road 523

Schlater MS 38952
City State Zip Code

Telephone No. (____) 662-254-7322

Well or Borehole Location

Latitude: 33 . 36 . 15 . 7 " Longitude: 90 . 28 . 11 . 1 "

Method of Lat/Long (circle one): Conventional Survey, USGS quad, Hand-held GPS, Survey-grade GPS

~~NE~~ SE ¼ NE ¼ Sec 14 ✓ Twn 20N ✓ Rng 3W ✓

Distance ___ Miles Direction E of Nearest Town Blaine

Well / Borehole Data

Date drilling started: 9-28 Date drilling completed: 9-28 Hole depth: 119 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 X 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 X Fish Culture ___ Other: Replacement

If a flowing well, method of flow regulation: Valve ___ Other (describe)

Static Water Level: 59' feet above or (below) (circle one) land surface Date measured: 10-4-2010

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

Well depth: 119 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement (Bentonite) Mix

Casing length: 79 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 80 feet to 119 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 next page***

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

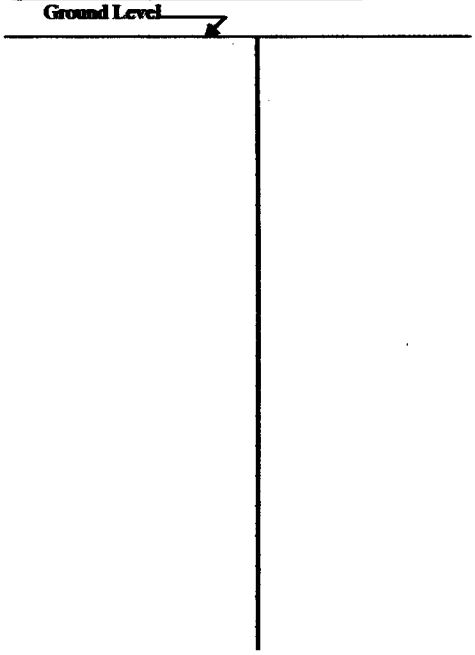
RECEIVED
NOV 15 2010
BY: OLWR

L223

The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level



If more than one screen, show location of each on sketch

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	31
Fine sand	32	42
Fine sand/gravel	43	54
Med Sand/gravel	55	119

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: Tackett Fish Farm

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

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 | Date | Signature of Licensee

Print Name of Responsible Licensee and License No.

RECEIVED
NOV 15 2010
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 2309
Jackson, MS 39225
(601)961-5210
(601)961-5228 (fax)

County: Sunflower
Permit #:
Driller: Irrigation Equipment
Date completed: 9-28-2010
Copy information from block on Part 1

For Office Use Only:
Aquifer:
Well #: L223
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: Tackett Fish Farm
Mailing Address: 23939 County Road 523
Schlater MS 38952
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 ___
___ ¼ ___ ¼ Sec 14 T 20N R 3W
Distance ___ Miles Direction E of Nearest Town Blaine

Pump Type
Circle one

Air Lift	Jet	Submersible
Bucket	Piston	Turbine
Centrifugal	Rotary	Flowing Well

Other (specify):
Date Pump Installed: 10-4-2010
Rated Pump Capacity: 2300 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: 80 feet
Number of Stages: 2

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)

RECEIVED
NOV 15 2010
BY: OLWR