County: Sunflower
Permit #: GW-47365
Driller: Richard Foster
Date drilling completed: 6-13-13

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 39225-2309
(601)961-5210
(601)360-0535 (fax)

For Office Use Only:
Well #: F178
Aquifer:
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.

#1773 **Well Owner Information** Site 3
(Landowner if borehole is not for a water well)
Owner Name: Marlow Fish Farm
Mailing Address: 143 Lily Lane
Ruleville MS 38771
City State Zip Code
Telephone No. (662) 721-7370

Well or Borehole Location
Latitude: 33° 43' 55" Longitude: 90° 32' 19"
Method of Lat/Long (*check one*): Conventional Survey ____, USGS quad ____, Hand-held GPS 8, Survey-grade GPS ____
SW ¼ NW ¼, Sec. 32 T 22N R 03W
.86 Miles NE of Ruleville
(Distance) (Direction) (Nearest Town)

Well / Borehole Data
Date drilling started: ____ Date drilling completed: ____ Hole depth: ____ Hole diameter: ____
Location of the source of any surface water used for drilling: ____
Method of dosing and volume of Chlorine used in drilling and development: ____
Logs run (*circle all applicable*): No log run Electric Gamma Ray Density Sonic Neutron Other: ____
Name of organization running log(s): ____
Purpose of borehole (*circle 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

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Purpose of Well (*circle all applicable*): Home Industrial Public Supply Irrigation Fish Culture
Other (*describe*): ____
If a flowing well, method of flow regulation: Valve ____ Other (*describe*) N/A
Static Water Level: 53 feet [above or below] land surface (*circle one*) Date measured: 6-9-13
Method of measurement (*circle one*): Steel tape Electric tape Air line Other (*describe*): ____
Well depth: 100' Well grouted to a depth of: 10 feet Type of grout (*circle one*): Neat Cement Bentonite Mix
Casing length: 70 feet Casing diameter: 12 inches Type of casing: PVC
Screen length: 30 feet Screen diameter: 12 inches Type of screen: PVC
Screen slot size: .050 inches Setting depth: From 70 feet to 100 feet
Type of completion (*circle all applicable*): Gravel packed Underreamed Open hole Natural Development
Other (*describe*): ____
Top of lap pipe or reduction in casing: N/A feet
If telescoped or more than one screen, describe on next page

County: Sunflower

Permit #: G10-47365

For Office Use Only:

Well #: ____

The sketch below only required for water wells

If well telescopes, show depths on sketch.

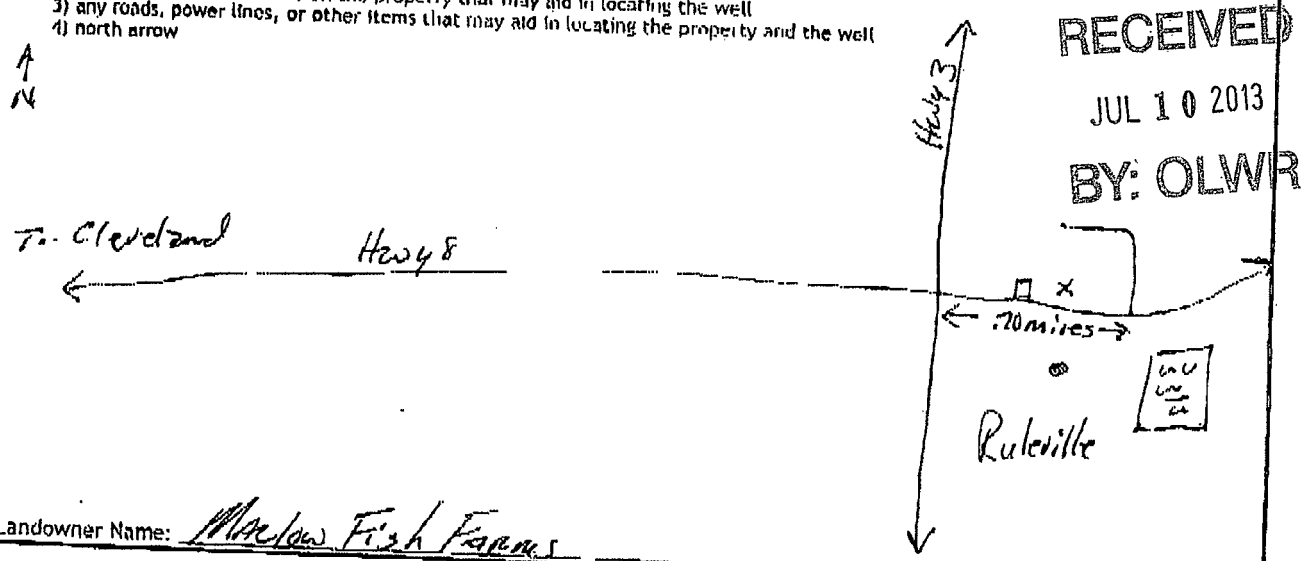
Ground Level

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	31	43
Medium Sand & pea gravel	43	61
Fine Sand	61	65
Medium Sand & pea gravel	65	69
Medium/Coarse Sand & gravel	69	90
Coarse Sand & gravel	90	105
Fine Sand & gravel	105	110

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) north arrow



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Landowner Name: Marlow Fish Farms

I HEREBY 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.

Clayton Miller 0-703 — Print Name of Responsible Licensee and License No.

2-1-13 — Date

Clayton Miller — Signature of Licensee

Form: OLWR-SWR-1A (4/13)

Dean A. Pennington, PhD
Executive Director
P. O. Box 129
Stoneville, MS 38776
Tel : (662) 686-7712
Fax: (662) 686-9076
www.ymd.org

YMD

Yazoo Mississippi Delta Joint Water Management District

June 3, 2013

MARLOW FISH FARMS
143 LILY LANE
RULEVILLE, MS 38771

RE: Well Construction/Authorization to drill

Permit No: GW-47365 #3

DEAR MARLOW FISH FARMS:

This authorization letter is for the construction of a new well that is to be drilled in the Mississippi River Valley Alluvial Aquifer. Your application has been received and is currently being processed.

Location: SW1/4 of the NW1/4 Section 32 Township 22N Range 03W County SUNFLOWER
Latitude: 33 43 55 Longitude: 90 32 19

A copy of this notice or a water use permit must be attached to the State Well Report submitted by your driller. This report is a requirement of the State Well Drillers Regulation. A copy of this report must be mail or faxed to YMD Joint Water Management District.

All applications must meet the **Mississippi Department of Environmental Quality** rules and regulations. If no adverse comments are received the application will be presented to the Mississippi Department of Environmental Quality State Permit Board for approval.

If you have any questions please call YMD at 662/686-7712.

Sincerely,

Dillard Melton

Dillard Melton Jr.
Permitting Director

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