

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: _____
Well #: G148
L.S. Elevation: _____
E-log #: _____

County: Leflore
Permit #: GW-46185
Driller: Irrigation Equipment
Date drilling completed: 04/06/2012

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)	Well or Borehole Location
Owner Name: <u>New Hope Farms</u>	Latitude: <u>33 ° 37 ' 14 " 15</u> Longitude: <u>90 ° 20 ' 38 "</u>
Mailing Address: <u>49665 County Road 559</u>	Method of Lat/Long (check one): <input type="checkbox"/> Conventional Survey, <input type="checkbox"/> USGS quad, <input checked="" type="checkbox"/> Hand-held GPS, <input type="checkbox"/> Survey-grade GPS
<u>Schlater</u> <u>Ms</u> <u>38952</u> City State Zip code	<u>NW 1/4</u> <u>NW 1/4</u> Sec <u>7</u> ✓ TwN <u>20N</u> ✓ Rng <u>1W</u>
Telephone No. () - _____	Distance Direction Nearest Town _____ Miles <u>South</u> of <u>Schlater</u>

Well / Borehole Data

Date drilling started: 04/06/2012 Date drilling completed: 04/06/2012 Hole depth: 127 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 (check 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: Repl GW-41531
If flowing, method of flow regulation: Valve _____ Other (describe) _____
Static Water Level: 20 feet above or below (check one) land surface Date measured: 04/09/2012
Method of Measurement (check one) steel tape electric tape air line other: _____
Well depth: 127 Well grouted to a depth of 10 feet Type of grout (check one): Neat Cement Bentonite Mix
Casing length: 87 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 88 feet to 127 feet
Type of completion (check 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)

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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)

For Office Use Only:

Aquifer:
Well #: G148
Elevation:

County: Leflore
Permit #: GW-46185
Driller: Irrigation Equipment
Date drilling completed: 04/06/2012
Copy information from block on Part 1

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: New Hope Farms, Mailing Address: 49665 County Road 559, Schlater Ms 38952, Telephone No.
Well Location: Latitude: 33 37' 14 N, Longitude: 90 20' 38 W, Method of Lat/Long (check one): [] Conventional Survey, [] USGS quad, [X] Hand-held GPS, [] Survey-grade GPS, NW 1/4 NW 1/4 Sec 7 T 20N R 1W, Distance Direction Nearest Town

Pump Type Check one: [] Air Lift, [] Jet, [] Submersible, [] Bucket, [] Piston, [X] Turbine, [] Centrifugal, [] Rotary, [] Flowing Well, Other (specify):
Date Pump Installed: 04/09/2012
Rated Pump Capacity 2500+/- Gallons Per Minute
Power Type Check one: [X] 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 Check 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 (check one): [] New Well [X] Replacement of Existing Pump [] Repair of Existing Pump

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.
Patrick Chism 0695
Print Name of Pump Installer and License No. (if applicable)
Signature of Pump Installer
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MAY 01 2012