

County: Bolivar
 Permit #: GW-47409
 Driller: Irrigation Equipment
 Date drilling completed: 06/06/2013

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 #: A 151
 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.

Well Owner Information <small>(Landowner if borehole is not for a water well)</small>	Well or Borehole Location
Owner Name: <u>Perthshire Farms</u>	Latitude: <u>34 02' 57.6 N</u> Longitude: <u>90 51' 13.2 W</u>
Mailing Address: <u>154 Perthshire Road</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>Gunnison</u> <u>Ms</u> <u>38746</u> City State Zip code	<u>SE 1/4 SE 1/4, Sec 7 T 25 N R 6 W</u>
Telephone No. <u>() -</u>	<u>6</u> Miles <u>West</u> of <u>Duncan</u> <small>(Distance) (Direction) (Nearest Town)</small>

Well / Borehole Data

Date drilling started: 06/06/2013 Date drilling completed: 06/06/2013 Hole depth: 127 Hole diameter: 24"

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 (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 all applicable): Home Industrial Public Supply Irrigation Fish Culture
 Other (describe): _____

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

Static Water Level: 19 feet [above or below] land surface Date measured: 06/07/2013
(check one)

Method of Measurement (check one) Steel tape Electric tape Air line Other: (describe) _____

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 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

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Form: OLWR-SONA (1/11)

BY: OLWR

County: Bolivar
 Permit #: GW-47409
 Driller: Irrigation Equipment
 Date drilling completed: 06/06/2013
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 39225-2309
 (601) 961-5210
 (601) 360-0535 (fax)

For Office Use Only:
 Well #: A151
 Aquifer: _____

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			Well Location	
Owner Name: <u>Perthshire Farms</u>			Latitude: <u>34 02' 57.6 N</u>	Longitude: <u>90 51' 13.2 W</u>
Mailing Address: <u>154 Perthshire Road</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>Gunnison</u> City	<u>Ms</u> State	<u>38746</u> Zip code	<u>SE 1/4 SE 1/4, Sec 7 T 25 N R 6 W</u>	
Telephone No. () -			<u>6</u> Miles <u>West</u> of <u>Duncan</u> (Distance) (Direction) (Nearest Town)	

Pump Type (check one)

Submersible Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): _____

Date Pump Installed 06/07/2013 Rated Pump Capacity: 2300+/- Gallons Per Minute
 Is This Pump (check one): New Repaired Replacement

Power Type (check one)

Electric Diesel Gasoline Natural Gas Tractor PTO Windmill Other (describe): _____

Horse Power Rating of Motor: 60 Setting Depth: 70 feet Number of Stages: 2

Pump Test Data for Non Flowing Well

Date Well Tested: _____ Duration of Pump Test (minimum 4 hours): _____ Hours
 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
 Method of measurement (check one): Steel tape Electric tape Air line Other (describe): _____

Pump Test Data for Flowing Well

Measured shut in head: _____ Feet
 Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping

Meter Installation

Meter Manufacturer: None installed Meter Serial Number: _____
 Meter Model Number/Name: _____ Type of Meter: _____
 Totalizer Register Unit and Multiplier Factor (AF x .001, gal x 1000, etc): _____
 Installation Date: _____ Meter installed by: _____
 Is This Meter (check one): New Repaired Replacement

Important: By submitting the above information you are certifying that this meter was installed to manufacturer standards. For agricultural wells, a list of approved meters is on the MDEQ website.

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

Patrick Chism 0695 06/11/2013
 Print Name of Pump Installer and License No. (if applicable) Date
 Signature of Pump Installer

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BY: OLWR

AISI

Dean A. Pennington, PhD
Executive Director
P. O. Box 129
Stanoville, MS 38776
Tel.: (662) 686-7712
Fax: (662) 686-9078
www.ymd.org



Yazoo Mississippi Delta Joint Water Management District

PAUL

May 13, 2013

**PERTSHIRE FARMS
KENNETH HOOD
154 PERTSHIRE ROAD
GUNNISON, MS 38746**

RE: Well Construction/Authorization to drill

Permit No: GW-47409

DEAR PERTSHIRE FARMS/KENNETH HOOD:

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: SE1/4 of the SE1/4 Section 07 Township 25N Range 06W County BOLIVAR
Latitude: 32 02 57 Longitude: 90 51 24**

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 Jr.
Permitting Director

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