

#2

County: Bolivar  
 Permit #: GW-45081  
 Driller: Clarence McMurry  
 Date drilling completed: 5-9-11

**State Well Report**  
**Part 1 - Driller's Log**  
 Mississippi Department of Environmental Quality  
 Office of Land and Water Resources  
 P.O. Box 2307  
 Jackson, MS 39225  
 (601)961-5210  
 (601)961-5228 (fax)

For Office Use Only:  
 Aquifer: B-182  
 Well #: A140  
 L. S. Elevation: \_\_\_\_\_  
 B-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: Kenneth Hood  
 Mailing Address: RFD Box 500  
Gunnison MS 38746  
 City State Zip Code  
 Telephone No. (662) 627-7246

**Well or Borehole Location**  
 Latitude: N 34° 04' 31.42" Longitude: W 90° 45' 16.8"  
 Method of Lat/Long (circle one): Conventional Survey  
 USGS quad,  Land-held GPS  Survey-grade GPS  
SE 1/4 Sec 33 Town 26N Range 6E  
 Distance 5 Miles West Direction of Duncan Nearest Town SW  
#1351

**Well / Borehole Data**  
 Date drilling started: 5-9-11 Date drilling completed: 5-9-11 Hole depth: 130' Hole diameter: 22"  
 Location of the source of any surface water used for drilling: nearby ditch  
 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 (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: \_\_\_\_\_  
 If a flowing well, method of flow regulation: Valve \_\_\_\_\_ Other (describe) N/A  
 Static Water Level: \_\_\_\_\_ feet above or below (circle one) land surface Date measured: \_\_\_\_\_  
 Method of Measurement (circle one) steel tape  electric tape air line other: \_\_\_\_\_  
 Well depth: 130' 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: 60 feet Screen diameter: 12 inches Type of screen: PVC  
 Screen slot size: .050 inches Setting depth: From 70 feet to 130 feet  
 Type of completion (circle all applicable):  Gravel packed Underreamed Telescoped Open hole Natural Development  
 Other (describe): \_\_\_\_\_  
 Top of lup pipe or reduction in casing: N/A feet *If telescoped or more than one screen, describe on next page*

Well Only

CBB- 5/3/12



# 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: BOLIVAR  
 Permit #: GW-45081  
 Driller: MED-SOUTH WATER  
 Date completed: \_\_\_\_\_  
*Copy information from block on Part 1*

For Office Use Only:

Aquifer: A140  
 Well #: \_\_\_\_\_  
 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	Well Location
Owner Name: <u>PERTSHIRE FARMS</u>	Latitude: <u>34° 41' 34.46"</u> Longitude: <u>90° 49' 16.95"</u>
Mailing Address: <u>RFD BOX 500</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
<u>GUNNISON</u> MS <u>38746</u> City State Zip Code	<u>SE 1/4 SE 1/4 Sec 33 T 26 R 6W</u>
Telephone No. <u>(662) 747-2223</u>	Distance Direction Nearest Town <u>2 1/2</u> Miles <u>NE</u> of <u>ROUND LAKE</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet Submersible	<input checked="" type="radio"/> Diesel Engine Gasoline Engine Natural Gas
Bucket Piston <input checked="" type="radio"/> Turbine	Electric Motor Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>40</u>
Date Pump Installed: <u>7-29-11</u>	Setting Depth: <u>50</u> feet
Rated Pump Capacity: <u>500</u> Gallons Per Minute	Number of Stages: <u>2</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: _____	Air Line Electric Measuring Line Steel Tape
Static Water Level (A): _____ Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): _____ Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: _____ Feet Below Land Surface	Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping
Test Pumping Rate: _____ Gallons Per Minute	
Duration of Pump Test (minimum 4 hours): _____ hours	

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

DAVID P. HOLT 0-752P \_\_\_\_\_  
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

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

RECEIVED

AUG 22 2011

BY: OLWR  
10-112

**STATE OF MISSISSIPPI**  
**Department of Environmental Quality**  
**Office of Land and Water Resources**  
**P. O. Box 2309**  
**Jackson, Mississippi 39225**

A140

**PERMIT**

**TO DIVERT OR WITHDRAW FOR BENEFICIAL USE THE PUBLIC WATERS**

This permit is issued to the landowner named below in accordance with the provisions of the Mississippi Water Laws, Mississippi Code Sections 51-3-1, et seq. (1972, as amended), and the regulations and standards as promulgated thereunder. Whether or not specifically named in this permit or in the applications for this permit, anyone using water from the diversion/withdrawal point described below shall do so in compliance with the provisions of this permit. Neither this permit, nor any authority conferred hereby, may be sold, conveyed, encumbered, assigned, or otherwise aliened, for any period of time or under any conditions whatsoever. This permit may not be modified, transferred or revoked without prior action by the Permit Board. Any attempt to modify, transfer or revoke this permit, or to take any other action on this permit, shall be invalid and unenforceable and may result in immediate revocation or suspension of this permit. The holder of this permit shall at all times be responsible for adherence to the terms and conditions of this permit. No agreement between the permit holder and any other party shall affect the obligations and liabilities of the permit holder. Water use under this permit is allowed only when the streamflow, lake level elevation, or static groundwater level (whichever, if any, is applicable) is above the established minimum, pursuant to Mississippi Code Section 51-3-7. Authorization is hereby granted to divert/withdraw water for the beneficial use designated herein, and for no other purpose, subject to the following terms, conditions, and limitations:

**Permit Number:** MS-GW-45081

**Landowner Name:** HOOD, KENNETH

**Landowner Address:** RFD BOX 500  
GUNNISON

MS 38746

**Source Of Water:** MISSISSIPPI RIVER VALLEY ALLOVIAL AQUIFER

**Beneficial Use:** IRRIGATION

**Diversion/Withdrawal Location:** SE 1/4 of the SE 1/4

**Section:** 33 **Township:** 26N **Range:** 06W

**County:** BOLIVAR

**Quad:** ROUND LAKE

**Maximum Volume:** 188 Acre-Foot/Year *equivalent to* .1678 Million Gallons/Day

**Maximum Rate:** 800 Gallons/Minute

**Applicant Name:** HOOD, KENNETH

**Applicant Address:** RFD BOX 500  
GUNNISON

MS 38746

**Date Permit Issued:** 05/02/2011

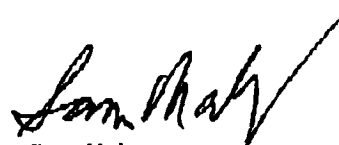
**Date Permit Expires:** 05/02/2016

**Date Permit Modified:**

**Date Permit Re-issued:**

This permit shall be deemed null and void if construction has not begun within one (1) year of permit issue date

**SPECIAL TERMS AND CONDITIONS:** SEE ATTACHMENT 1, WHICH IS HEREBY DECLARED TO BE PART OF THIS PERMIT.

  
Sam Mabry  
Office Director