

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: N155
Well #: B187
L. S. Elevation:
E-log #:

County: Bolivar
Permit #: GW-46494
Driller: Joel Jumper
Date drilling completed: 2-5-13

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: Hazel Thompson
Mailing Address: 250 Schmidt Rd
City: Clarksdale Ms 38614
Telephone No.
Well or Borehole Location
Latitude: 34° 3' 37" Longitude: 90° 39' 54"
Method of Lat/Long (circle one): Conventional Survey, Hand-held GPS, Survey-grade GPS
USGS quad: NE 1/4, NE 1/4, Sec 12 Twn 25N Rng 05W
Distance: 2 Miles Direction: E of Nearest Town: Alligator

Well / Borehole Data
Date drilling started: 2-5-13 Date drilling completed: 2-5-13 Hole depth: 104 Hole diameter: 28in
Location of the source of any surface water used for drilling: Nearest Well
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)
Static Water Level: 45 feet above or below (circle one) land surface Date measured: 2-5-13
Method of Measurement (circle one): steel tape electric tape air line other:
Well depth: 104 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix
Casing length: 64 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 64 feet to 104 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(6-4-08) RECEIVED

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# 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)

**N155**

County: Bolivar  
 Permit #: 6W-46494  
 Driller: Joel Jumper  
 Date completed: 2-5-13  
*Copy information from block on Part 1*

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: B187  
 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>Hazel Thompson</u>	Latitude: <u>34-3-37</u> Longitude: <u>90-39-54</u>
Mailing Address: <u>250 Schmidt Rd</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>Clarksdale Ms 38614</u>	<u>NE 1/4 NE 1/4 Sec 12 T 25N R 05W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. ( ) _____	<u>2</u> Miles <u>E</u> of <u>Alligator</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet Submersible	<u>Diesel Engine</u> Gasoline Engine Natural Gas
Bucket Piston <u>Turbine</u>	Electric Motor Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>600 H.P.</u>
Date Pump Installed: <u>2-5-13</u>	Setting Depth: <u>0-70</u> feet
Rated Pump Capacity: <u>3000</u> Gallons Per Minute	Number of Stages: <u>2</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>2-5-13</u>	Air Line Electric Measuring Line <u>Steel Tape</u>
Static Water Level (A): <u>45</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>65</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>65</u> Feet Below Land Surface	Well yielded <u>3000</u> GPM with a drawdown of
Test Pumping Rate: <u>3000</u> Gallons Per Minute	<u>65</u> feet after <u>8</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>8</u> hours	

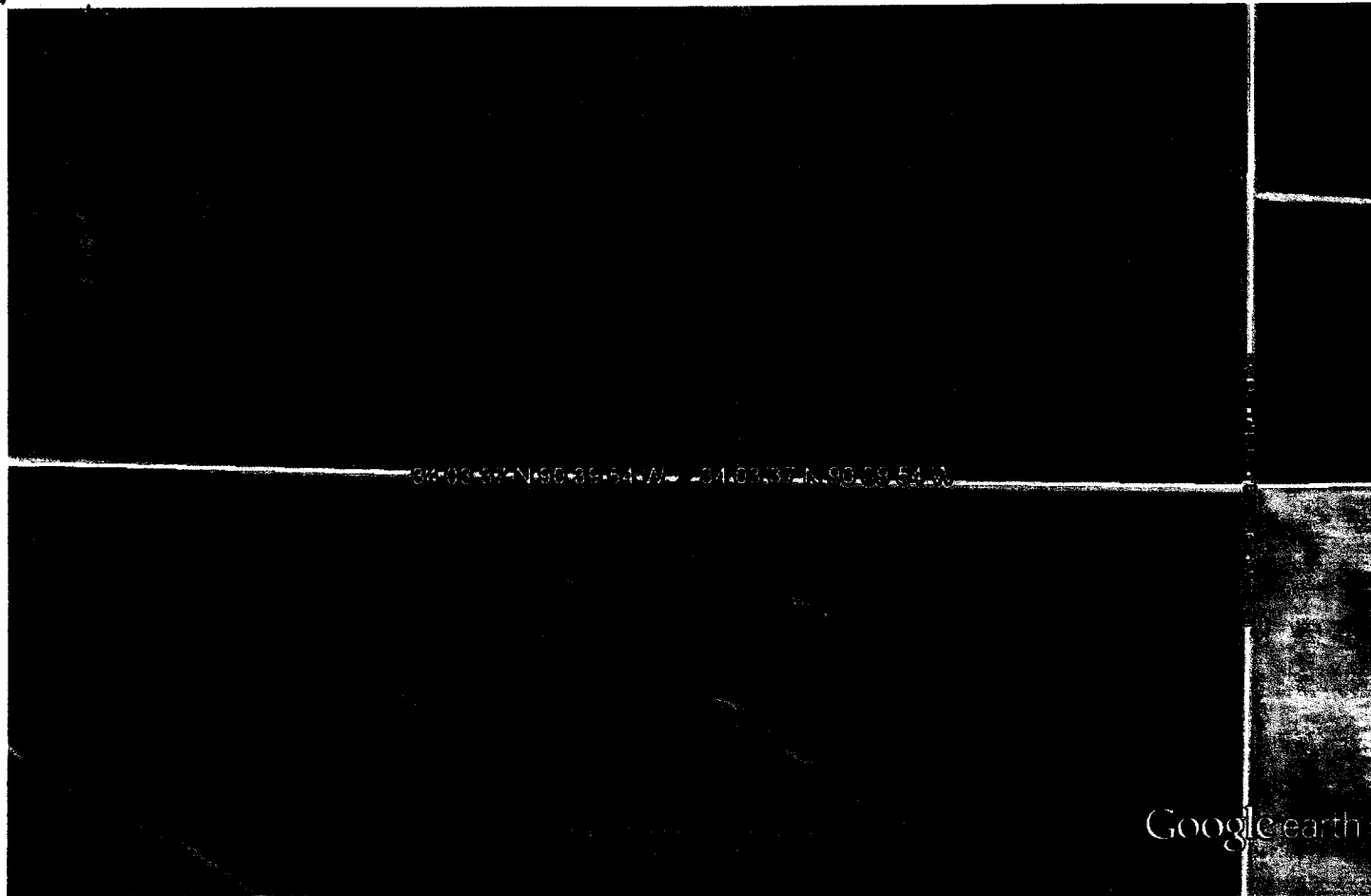
I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

Joel Jumper 5317      Joel Jumper  
 Print Name of Pump Installer and License No. (if applicable)      Signature of Pump Installer

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

N155  
B187

**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 attempts 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-46494

**Landowner Name:** THOMPSON, HAZEL

**Landowner Address:** 250 SCHMIDT ROAD  
CLARKSDALE MS 38614

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

**Beneficial Use:** IRRIGATION

**Diversion/Withdrawal Location:** NE 1/4 of the NE 1/4      **Section:** 12      **Township:** 25N      **Range:** 05W

**County:** BOLIVAR

**Quad:** DUNCAN

**Maximum Volume:** 93 Acre-Feet/Year      *equivalent to* .083 Million Gallons/Day

**Maximum Rate:** 3000 Gallons/Minute

**Applicant Name:** HENRY SHETLER FARMS

**Applicant Address:** 520 GELSTON ROAD  
CLARKSDALE MS 38614

**Date Permit Issued:** 08/20/2012

**Date Permit Expires:** 08/20/2017

**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.

**SPECIAL TERMS AND CONDITIONS 2:**

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FEB 13 2013

BY: OLWR

*Richard B. Ingram*

Richard B. Ingram  
Office Director