

County: Panola <sup>460810</sup>  
 Permit #: GW-46841  
 Driller: Joel Jumper  
 Date drilling completed: 2-22-13

**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  
 (601)961- 5210  
 (601)961- 5228 (fax)

**For Office Use Only:**

Aquifer: \_\_\_\_\_  
 Well #: Q54  
 L. S. Elevation: \_\_\_\_\_  
 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.**

Information on Well Owner (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Monty/ Vaughan</u>	Latitude: <u>34° 19' 34"</u> Longitude: <u>90° 00' 10"</u>
Mailing Address: <u>Po Box 290</u>	Method of Lat/Long (circle one): <u>Hand-held GPS</u> Conventional Survey, _____
<u>Batesville Ms 38606</u>	USGS quad, <u>SE 1/4 SE 1/4 Sec 02 Twn 09S Rng 08W</u>
City State Zip Code	Distance Direction Nearest Town
Telephone No. ( ) _____	<u>2 Miles West of Batesville</u>

**Well / Borehole Data**

Date drilling started: 2-22-13 Date drilling completed: 2-22-13 Hole depth: 71 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: 6 feet above or below (circle one) land surface Date measured: 2-23-12

Method of Measurement (circle one) steel tape electric tape air line other: \_\_\_\_\_

Well depth: 71 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 31 feet Casing diameter: 16 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 16 inches Type of screen: PVC

Screen slot size: .50 inches Setting depth: From 0 31 feet to 50 71 feet

Type of completion (circle all applicable): Gravel packed Underreamed Telescoped Open hole Natural Development

Other (describe): \_\_\_\_\_

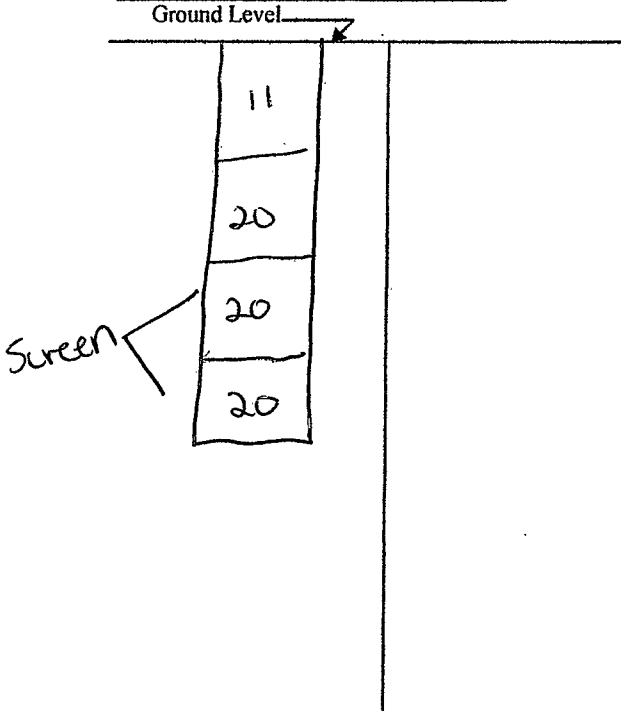
Top of lap pipe or reduction in casing: \_\_\_\_\_ feet. *If telescoped or more than one screen, describe on next page*

RECEIVED  
 Form: OLWR-SWR-1A (04/08)  
 MAR 25 2013  
 BY: OLWR

The sketch below only required for water wells

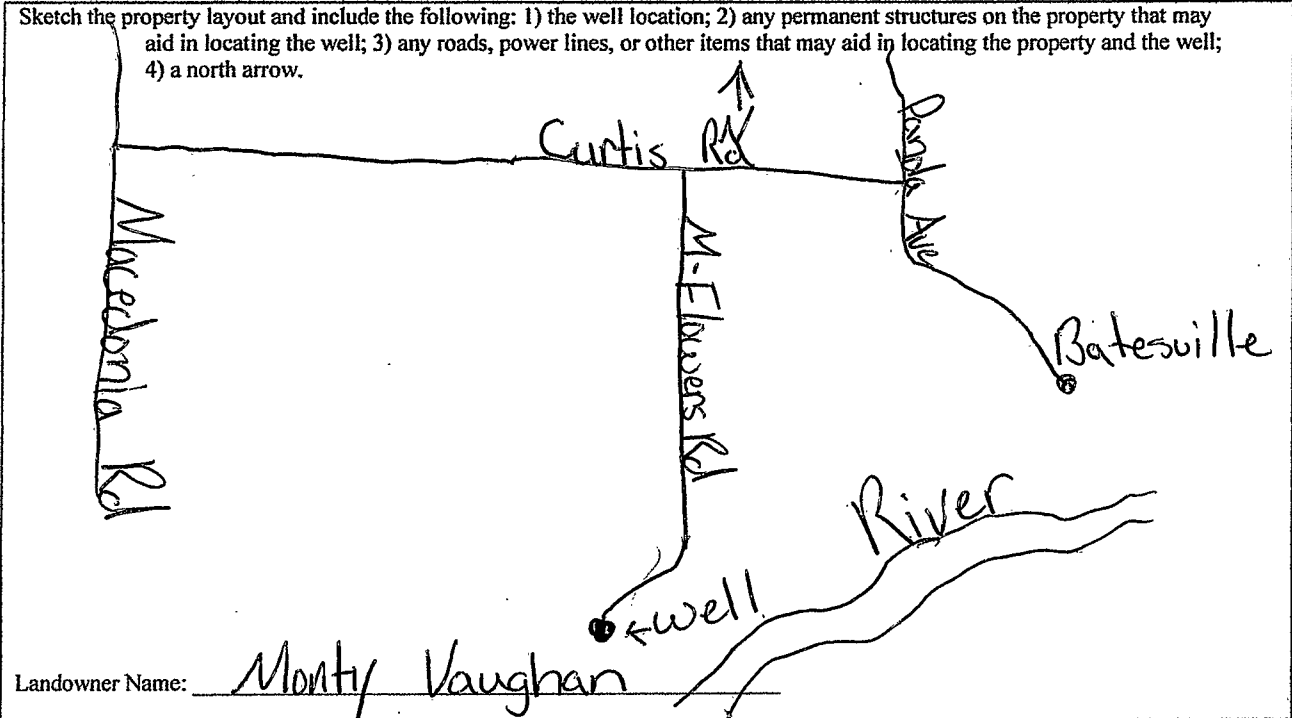
Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

If well telescopes, show depths on sketch.



Description of Formations Encountered	From (depth)	To (depth)
Gumbo	Ground Level	20
Gravel	20	40
Gravel	40	60
Sand	60	71

If more than one screen, show location of each on sketch



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

I 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.

Joel Jumper 0005317 2-23-12  
Print Name of Responsible Licensee and License No. Date

Paul Jumper  
Signature of Licensee

RECEIVED  
MAR 25 2013

BY: OLWR

46840

# 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 #: Q54

Aquifer: \_\_\_\_\_

County: PANOLA  
 Permit #: GW-46840 /  
 Driller: JOEL JUMPER  
 Date completed: 2-22-13  
 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	Well Location
Owner Name: <u>MONTY VAUGHAN</u>	Latitude: <u>34° 19' 34"</u> Longitude: <u>90° 0' 10"</u>
Mailing Address: <u>P.O. BOX 290</u>	Method of Lat/Long (check one): Conventional Survey <input type="checkbox"/> <sup>46</sup> <input checked="" type="checkbox"/>
<u>RATESVILLE</u> <u>MS</u> <u>38606</u>	USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____
City State Zip Code	<u>SE</u> 1/4 <u>SE</u> 1/4, Sec <u>02</u> T <u>09S</u> R <u>08W</u>
Telephone No. <u>(662) 934-8191</u>	<u>2</u> Miles <u>W</u> of <u>RATESVILLE</u>
	(Distance) (Direction) (Nearest Town)

**Pump Type (circle one)**  
 Submersible  Turbine  Air Lift  Centrifugal  Flowing Well  Jet  Piston  Rotary  Other (describe): \_\_\_\_\_  
 Date Pump Installed: 8-30-13 Rated Pump Capacity: 400 Gallons Per Minute  
 Is This Pump (circle one):  New  Repaired  Replacement

**Power Type (circle one)**  
 Electric  Diesel  Gasoline  Natural Gas  Tractor PTO  Windmill  Other (describe): \_\_\_\_\_  
 Horse Power Rating of Motor: 60 Setting Depth: 40 feet Number of Stages: 3

**Pump Test Data for Non Flowing Well**  
 Date Well Tested: \_\_\_\_\_ Duration of Pump Test (minimum 4 hours): \_\_\_\_\_ hours  
 Static Water Level (A): 6 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 (circle 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: N/A 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 (circle 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.  
DAVID P. HOLT 0-752P 9-20-13  
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

RECEIVED  
 SEP 25 2013  
 BY: OLWR

13.0151



Dean A. Pennington, PhD  
Executive Director

P. O. Box 129  
Stoneville, MS 38776  
Tel.: (662) 686-7712  
Fax: (662) 686-9078  
www.ymd.org

---

**Yazoo Mississippi Delta Joint Water Management District**

---

**January 10, 2013**

**Monty Vaughan  
PO Box 290  
Batesville, MS 38606**

**RE: Well Construction / Authorization to drill**

**Permit No: GW-46840**

**Dear Monty Vaughan,**

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: NE1/4 of the SE1/4 Section 02 Township 09S Range 08W County Panola  
Latitude: 34 19 46 Longitude: 90 00 11**

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

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

**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-46840

**Landowner Name:** VAUGHN, MONTY

**Landowner Address:** PO BOX 290  
BATESVILLE MS 38606

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

**Beneficial Use:** IRRIGATION

**Diversion/Withdrawal Location:** NE 1/4 of the SE 1/4      **Section:** 02      **Township:** 09S      **Range:** 08W

**County:** PANOLA

**Quad:** ASA

**Maximum Volume:** 132 Acre-Feet/Year      *equivalent to* .1178 Million Gallons/Day

**Maximum Rate:** 1100 Gallons/Minute

**Applicant Name:** VAUGHN, MONTY

**Applicant Address:** PO BOX 290  
BATESVILLE MS 38606

**Date Permit Issued:** 02/18/2013

**Date Permit Expires:** 02/18/2018

**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:**

*Richard B. Ingram*

Richard B. Ingram  
Office Director