

# 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 #: K 105  
 Aquifer: \_\_\_\_\_  
 E-Log #: \_\_\_\_\_

County: Panola  
 Permit #: MS-GW-49564  
 Driller: Tommy Peacock Sr  
 Date drilling completed: 9-12-16

*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 (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>HAL BEARD</u>	Latitude: <u>N34° 23' 52"</u> Longitude: <u>W90° 10' 01"</u>
Mailing Address: <u>14975 A BAHRENTINE RD</u>	Method of Lat/Long (check one): Conventional Survey _____, USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
<u>SARDIS</u> MS <u>38666</u>	<u>NE</u> <u>SE</u> 1/4 <u>SE</u> 1/4, Sec <u>08</u> T <u>08S</u> R <u>09W</u>
City State Zip Code	<u>9</u> Miles <u>SE</u> of <u>MARKS</u>
Telephone No. ( ) _____	(Distance) (Direction) (Nearest Town)

**Well / Borehole Data**

Date drilling started: 9-12-16 Date drilling completed: 9-12-16 Hole depth: 115' Hole diameter: 24"

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: when filling tank

Logs run (circle all applicable):  No log run  Electric  Gamma Ray  Density  Sonic  Neutron  Other: \_\_\_\_\_

Name of organization running log(s): \_\_\_\_\_

Purpose of borehole (circle 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 (circle 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: 22 feet [above or  below] land surface Date measured: 9-12-16  
(circle one)

Method of measurement (circle one)  Steel tape  Electric tape  Air line Other (describe): \_\_\_\_\_

Well depth: 115' Well grouted to a depth of: 10 feet Type of grout (circle one): Neat Cement   Bentonite  Mix

Casing length: 75 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 / .037 inches Setting depth: From 75 feet to 115 feet

Type of completion (circle 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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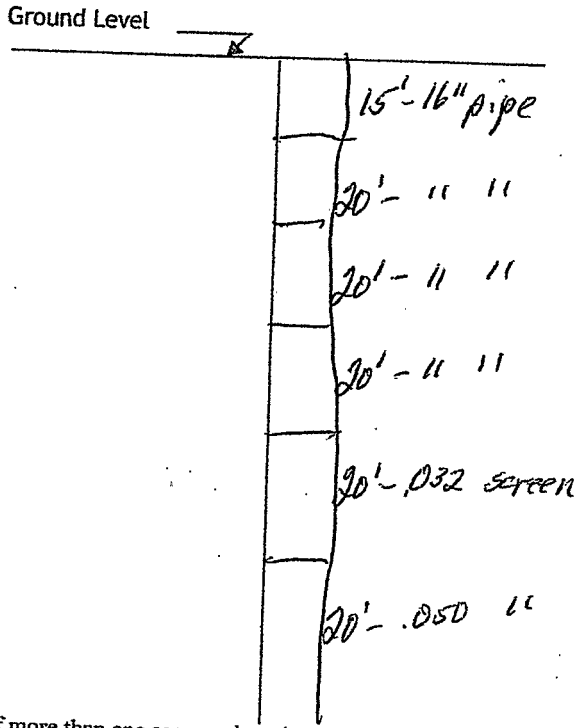
OCT 10 2016

County: Panola  
 Permit #: 815-GW-49564

**For Office Use Only:**  
 Well #: K105

The sketch below only required for water wells  
If well telescopes, show depths on sketch.

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



Description of Formations Encountered	From (depth) Ground level	To (depth)
<u>top soil</u>	<u>0</u>	<u>15</u>
<u>fine sand</u>	<u>15</u>	<u>60</u>
<u>coarse sand &amp; pea gravel</u>	<u>60</u>	<u>115</u>

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

Sketch the property layout and include the following:

- 1) the well location
- 2) any permanent structures on the property that may aid in locating the well
- 3) any roads, power lines, or other items that may aid in locating the property and the well
- 4) north arrow

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By OLWR

Landowner Name: HAL BEARD

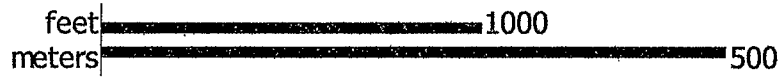
I HEREBY CERTIFY that the well/borehole was drilled, constructed, and completed in accordance with all applicable requirements of the Mississippi Department of Environmental Quality and the Mississippi Department of Health regulations, if applicable, and state laws.

Tommy Peacock Sr # 3409      10-5-16      Tommy Peacock Sr  
 Print Name of Responsible Licensee and License No.      Date      Signature of Licensee

K65



Google earth



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By OLWR

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

K 605

**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-49564

**Landowner Name:** BEARD, HAL

**Landowner Address:** 14975 A BALLENTINE ROAD  
SARDIS MS 38666

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

**Beneficial Use:** IRRIGATION

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

**County:** PANOLA

**Quad:** CRENSHAW S

**Maximum Volume:** 510 Acre-Feet/Year      *equivalent to* .4552 Million Gallons/Day

**Maximum Rate:** 3000 Gallons/Minute

**Applicant Name:** BEARD, HAL

**Applicant Address:** 14975 A BALLENTINE ROAD  
SARDIS MS 38666

**Date Permit Issued:** 09/15/2016

**Date Permit Expires:** 09/15/2021

**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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OCT 10 2016

*Dary C Rikard* By OLWR

Gary C. Rikard, Executive Director  
Mississippi Department of Environmental Quality