

County: Panola  
 Permit #: GW-47638 ✓  
 Driller: Irrigation Equipment  
 Date drilling completed: 11/20/2013

## 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 #: P68  
 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>Bilbo Farms</u>	Latitude: <u>34 17' 03.2 N</u> Longitude: <u>90 05' 39.2 W</u>
Mailing Address: <u>351 Bill Locke 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
Marks <u>Ms</u> <u>38646</u> City State Zip code	<u>SE 1/4 SE 1/4, Sec 24 T 9 S R 9 W</u> <u>SW</u>
Telephone No. ( ) -	<u>8</u> Miles <u>West</u> of <u>Batesville</u> <small>(Distance) (Direction) (Nearest Town)</small>

**Well / Borehole Data**

Date drilling started: 11/20/2013 Date drilling completed: 11/20/2013 Hole depth: 90 Hole diameter: 24"

Location of the source of any surface water used for drilling: Surface Water

Method of dosing and volume of Chlorine used in drilling and development: 50 PPM

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: \_\_\_\_\_ feet [ above or  below] land surface Date measured: \_\_\_\_\_  
(check one)

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

Well depth: 90 Well grouted to a depth of: 10 feet Type of grout (check one):  Neat Cement  Bentonite  Mix

Casing length: 60 feet Casing diameter: 16 inches Type of casing: PVC

Screen length: 30 feet Screen diameter: 16 inches Type of screen: PVC

Screen slot size: .050 inches Setting depth: From 31 30 feet to 90 60 feet

Type of completion (check all applicable):  Gravel packed  Underreamed  Open hole  Natural Development  
 Other (describe): \_\_\_\_\_

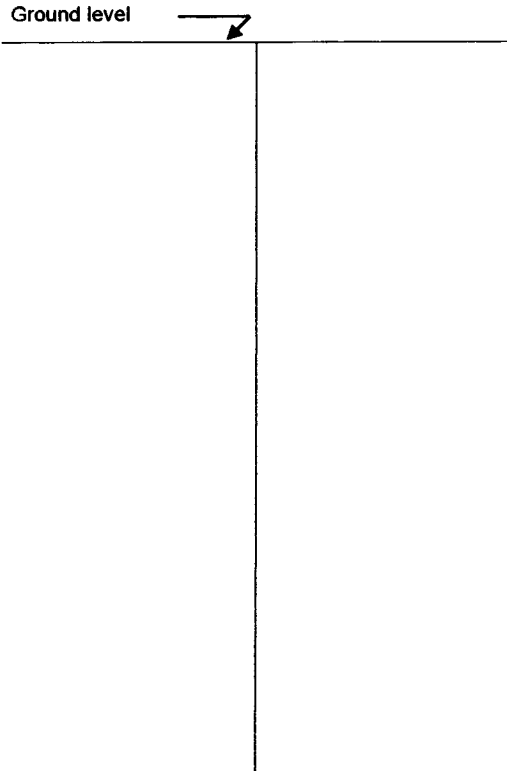
Top of lap pipe or reduction in casing: \_\_\_\_\_ Feet

*If telescoped or more than one screen, describe on next page*

County: **Panola**  
Permit #: **GW-47638**

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*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)	To (depth)
<b>Clay</b>	Ground level	<b>25</b>
<b>Medium Sand</b>	<b>26</b>	<b>35</b>
<b>Course Sand</b>	<b>36</b>	<b>45</b>
<b>Fine Sand</b>	<b>46</b>	<b>60</b>
<b>Course Sand</b>	<b>61</b>	<b>90</b>

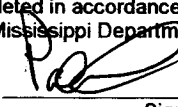
If more than one screen, show location of each on sketch

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) a north arrow

Landowner Name:     **Bilbo Farms**    

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.

**Patrick Chism**                              **0695**                              **12/05/2013**                              

Print Name of Responsible Licensee and License No.                              Date                              Signature of Licensee

Form: OLWR-SWR-1A (04/08)  
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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 39225-2309  
(601)961-5210  
(601) 360-0535 (fax)

#### For Office Use Only:

Well #: PG8  
Aquifer: \_\_\_\_\_

County: PANOLA  
Permit #: GW-47638  
Driller: IRRIGATION EQUIPMENT  
Date completed: \_\_\_\_\_  
*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>BILBO FARMS</u>		Latitude:	<u>34° 17.02"</u> Longitude: <u>90° 05.35"</u>
Mailing Address:	<u>351 BELL LOOKS RD</u>		Method of Lat/Long (check one):	Conventional Survey _____
			USGS quad _____, Hand-held GPS _____, Survey-grade GPS _____	
City:	State:	Zip Code:	<u>SE 1/4 SE 1/4, Sec 24 T 09S R 01W</u>	
Telephone No.:	<u>(602) 326-2150</u>		<u>3 1/2</u> Miles (Distance)	<u>E</u> of <u>LOCKE STATION</u> (Nearest Town)

**Pump Type (circle one)**  
 Submersible  Turbine Air Lift Centrifugal Flowing Well Jet Piston Rotary Other (describe): \_\_\_\_\_  
 Date Pump Installed: 12-17-13 Rated Pump Capacity: 3000 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: 80 Setting Depth: 70 feet Number of Stages: 1

**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 (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 0-757P 12-17-13 \_\_\_\_\_  
 Print Name of Pump Installer and License No. (if applicable) Date Signature of Pump Installer

RECEIVED  
DEC 18 2013