

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 #: T235
Aquifer: _____
E-Log #: _____

County: Bolivar
Permit #: GW-47865
Driller: Tommy Peacock
Date drilling completed: 7/26/14

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>JFB Herbert LLC</u>	Latitude: <u>33° 32' 34"</u> Longitude: <u>90° 46' 04"</u>
Mailing Address: <u>400 South Leflore Avenue</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____, Hand-held GPS <u>X</u> , Survey-grade GPS _____
<u>Cleveland</u> MS <u>38737</u>	<u>SW ^{SE} 34, Sec 24 T 20N R 06W</u>
City State Zip Code	<u>6</u> Miles <u>South</u> of <u>Shrew</u>
Telephone No. () _____	(Distance) (Direction) (Nearest Town)

Well / Borehole Data

Date drilling started: 7/26/14 Date drilling completed: 7/26/14 Hole depth: 115 Hole diameter: 22"
Location of the source of any surface water used for drilling: Ditch 1 mile East of well site
Method of dosing and volume of Chlorine used in drilling and development: Chlorinated in tanker
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: _____ feet [above or below] land surface Date measured: _____
(circle one)
Method of measurement (circle one): Steel tape Electric tape Airline 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: 10 inches Type of casing: PVC
Screen length: 40 feet Screen diameter: 10 inches Type of screen: PVC
Screen slot size: .032 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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The strata below only required for water wells

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

If well intersects, show strata on sketch

Ground Level

Top soil & clay	15
Sand / clay mix	10
medium sand	20
course sand	10
medium sand	20
6' coarse 4' coarse & gravel	10
course & gravel	30

Description of Formations Encountered	From (Depth)	To (Depth)
Top soil & clay	Ground level	15
sand / clay mix	15	25
medium sand	25	45
course sand	45	55
medium sand	55	75
6' coarse 4' coarse & gravel	75	85
course & gravel	85	115

If core from core 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 lines that may aid in locating the property and the well
- 4) north arrow

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Landowner Name:

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 Lic # 3409 8/11/14 Tommy Peacock
 Print Name of Responsible Licensee and License No. Date Signature of Licensee



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BY: OLWR

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

T 235

December 9, 2013

J & B HERBERT LLC
JIM HERBERT
400 SOUTH LEFLORE AVENUE
CLEVELAND, MS 38732

RE: Well Construction/Authorization to drill

Permit No: GW-47865

Dillard

DEAR J & B HERBERT LLC:

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: SW1/4 of the SE1/4 Section 24 Township 20N Range 06W County BOLIVAR
Latitude: 33 32 34 Longitude: 90 46 04

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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

Dillard Melton Jr.
Permitting Director