

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 #: P90
Aquifer: _____
E-Log #: _____

County: Yazoo
Permit #: GW-47615 ✓
Driller: Tommy Peacock
Date drilling completed: 9/9/13

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.

Well Owner Information <small>(Landowner if borehole is not for a water well)</small>	Well or Borehole Location
Owner Name: <u>Brad Nicholson</u>	Latitude: <u>32°44'12"</u> Longitude: <u>90°43'55"</u>
Mailing Address: <u>2021 Matthews Road</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Rolling Fork</u> <u>MS</u> <u>39159</u>	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
City State Zip Code	<u>SW 1/4 SE 1/4, Sec 05 T 10N R 05W</u>
Telephone No. <u>(662) 571-5908</u>	<u>10</u> Miles <u>South</u> of <u>Holly Bluff</u>
	(Distance) (Direction) (Nearest Town)

Well / Borehole Data

Date drilling started: 9/9/13 Date drilling completed: 9/9/13 Hole depth: 125' Hole diameter: 26"

Location of the source of any surface water used for drilling: Ditch @ 2 miles south of well

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 Air line Other (describe): _____

Well depth: 125 Well grouted to a depth of: 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 85 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 85 feet to 125 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

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BY: OLWR

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

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The sketch below only required for water wells

If well telescopes, show depths on sketch.

Ground Level	
	←
sand	15'
sand/clay mix	10'
clay	10'
clay/sand mix	20'
coarse sand	10'
clay-sand streaks 3' medium sand	10'
7' med 3' coarse & gravel	10'
coarse sand & gravel	40'

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)
Sand	Ground level	15
sand/clay mix	15	25
clay	25	35
clay/sand mix	35	55
coarse sand	55	65
coarse sand - clay streaks 3' med	65	75
7' medium 3' coarse & gravel	75	85
coarse sand & gravel	85	125

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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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 9/18/13 Tommy Peacock
 Print Name of Responsible Licensee and License No. Date Signature of Licensee



Google earth



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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

P90

August 21, 2013

**Brad Nicholson
2021 Matthews Road
Rolling Fork MS 39159**

RE: Well Construction / Authorization to drill

Permit No: GW-47615

Dear Brad Nicholson,

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: SW 1/4 of the SE1/4 Section 05 Township 10N Range 05W County Yazoo
Latitude: 32 44 12 Longitude: 90 43 55**

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 Regulations. 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 me at (662) 686-7712.

Sincerely,

**Dillard D. Melton Jr.
Permitting Director**