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MAY 08 2013

BY: OLWR

STATE WELL REPORT

Part I

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)

County: Bolivar
Permit #: GW-47239
Driller: Clarence M. Murray
Date drilling completed: 4-23-13

For Office Use Only:
Well #:
Aquifer: F272
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 (Landowner if borehole is not for a water well)
Owner Name: Brad Barr
Mailing Address: 737 Beulah Rd.
Well or Borehole Location
Latitude: 33° 49' 37.4" N Longitude: 90° 53' 26.42" W
Method of Lat/Long (check one): Conventional Survey
USGS quad, Hand-held GPS, Survey-grade GPS
NW 1/4 SW 1/4, Sec 23 T23N R 07W
.47 Miles S of Sybil (Distance) (Direction) (Nearest Town)

Well / Borehole Data
Date drilling started: 4-23-13 Date drilling completed: 4-23-13 Hole depth: 145' Hole diameter: 8 1/2"
Location of the source of any surface water used for drilling: well 50 yards away
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 (circle one): Water Well Geotechnical/Geological Investigation Ground Source Heat Pump
Seismic Survey Other (describe) Replaces GW43699
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) N/A
Static Water Level: feet (above or below) land surface Date measured:
Method of measurement (circle one): Steel tap Electric tap Air line Other (describe):
Well depth: 145' Well grouted to a depth of: 10 feet Type of grout (circle one): Neat Cement Bentonite Mix
Casing length: 105 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 105 feet to 145 feet
Type of completion (circle all applicable): Gravel packed Underreamed Open hole Natural Development
Other (describe):
Top of tap pipe or reduction in casing: N/A feet
If telescoped or more than one screen, describe on next page

Well Only

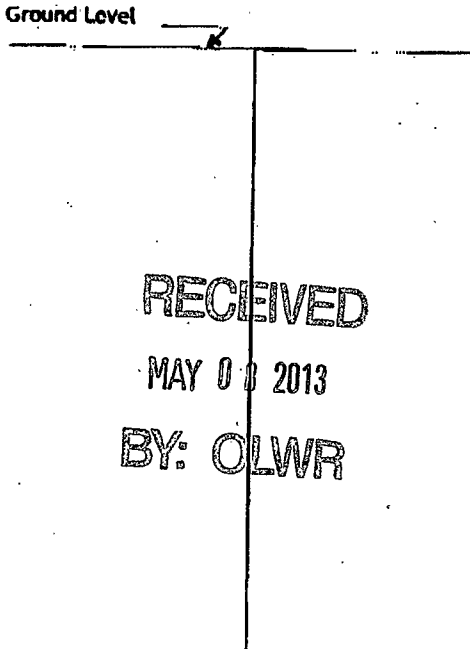
Form: OLWR-SWR-1A (4/13)

County: Bolivar
 Permit #: GW-47239

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The sketch below only required for water wells

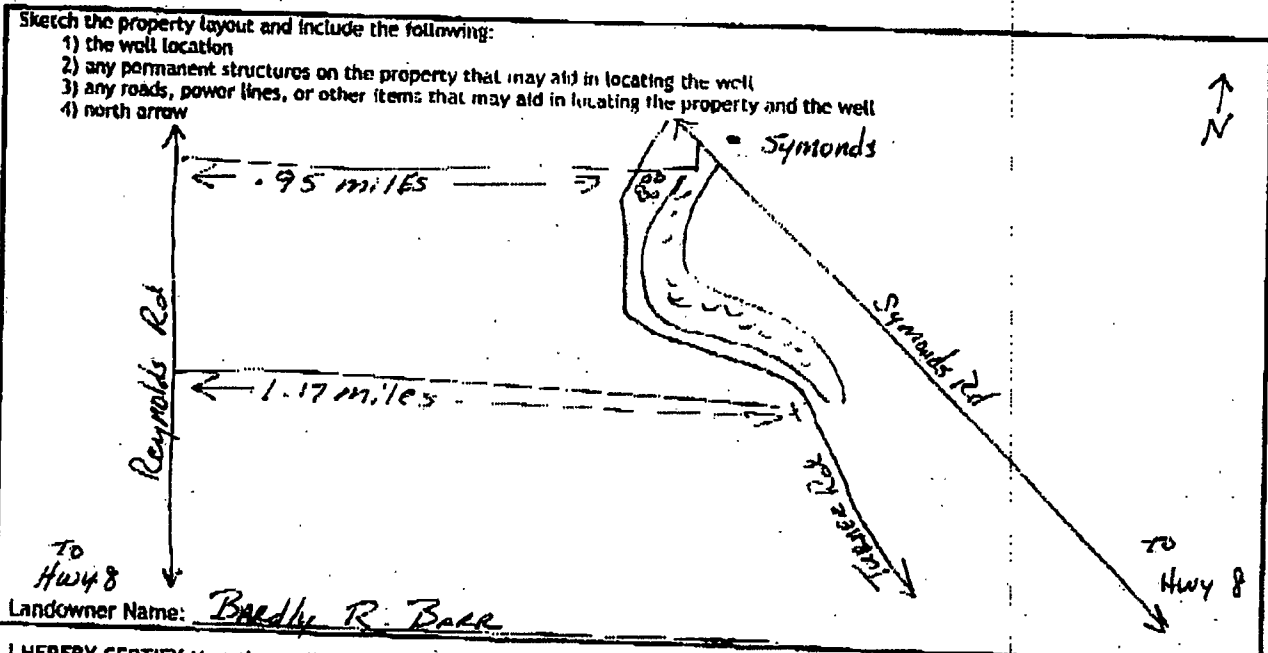
If well telescopes, show depths on sketch.



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)
Top Soil Sand & Clay	Ground level	23
Medium Sand & Fine Sand	23	32
Medium Sand	32	48
Medium Sand & pea gravel	48	67
Medium/Coarse Sand & pea gravel	67	91
Fine Sand	91	99
Medium/Coarse Sand & pea gravel	99	106
Medium Sand	106	110
Coarse Sand & pea gravel	110	128
Medium Sand	128	133
Coarse Sand & gravel	133	138
Coarse Sand & pea gravel	138	145

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



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.

Clayton Miller 0-703 4-25-13 Clayton Miller
 Print Name of Responsible Licensee and License No. Date Signature of Licensee

Form: OLWR-SWR-1A (4/13)



Doan A Pennington, PhD
Executive Director
P. O. Box 129
Stonerville, MS 38776
Tel.: (662) 686-7712
Fax: (662) 686-9078
www.ymd.org

Yazoo Mississippi Delta Joint Water Management District

F272

March 26, 2013

**Bardly R Barr
737 Beulah Road
Beulah, MS 38726**

RE: Well Construction / Authorization to drill

Permit No: GW-47239 (Replacement well for GW-43699)

Dear Mr. Barr:

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: NW1/4 of the SW1/4 Section 23 Township 23N Range 07W County Bolivar
Latitude: 33 49 37 Longitude: 90 53 27**

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 application must meet the Mississippi Department of Environmental Quality rules and regulations. If no adverse comments are received the application will then be presented to the Mississippi Department of Environmental Quality State Permit Board for approval.

If you have any questions please call our office at 662/686-7712.

Sincerely,

**Dillard Melton Jr.
Permitting Director**

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