

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)

For Office Use Only:

Well #: K142
 Aquifer: _____
 E-Log #: _____

County: Bolivar
 Permit #: GW-48996
 Driller: Clarence
 Date drilling completed: 7-3-15

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: <u>Brad Barr</u> Mailing Address: <u>954 Mound City Rd</u> <u>Beulah</u> <u>MS</u> <u>38926</u> City State Zip Code Telephone No. <u>(662) 721-7035</u>		Well or Borehole Location Latitude: <u>33° 47' 28.20"</u> Longitude: <u>90° 53' 54.48"</u> Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____ Hand-held GPS <input checked="" type="checkbox"/> Survey-grade GPS _____ <u>NW</u> <u>NW</u> <u>NW</u> ¼ <u>SW</u> ¼, Sec <u>02</u> T. <u>22N</u> R. <u>07W</u> <u>2.36</u> Miles <u>West</u> of <u>Pace</u> (Distance) (Direction) (Nearest Town)	
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Well / Borehole Data

Date drilling started: 7-3-15 Date drilling completed: 7-3-15 Hole depth: 121' Hole diameter: 26"

Location of the source of any surface water used for drilling: well nearby

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) _____

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

Casing length: 71 feet Casing diameter: 16 inches Type of casing: PVC

Screen length: 50 feet Screen diameter: 16 inches Type of screen: PVC

Screen slot size: .050 inches Setting depth: From 71 feet to 121 feet

Type of completion (circle all applicable): Gravel packed Underreamed Open hole Natural Development

Other (describe): _____

Top of lap pipe or reduction in casing: N/A feet

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

WELL ONLY

Replacement well for GW-06250

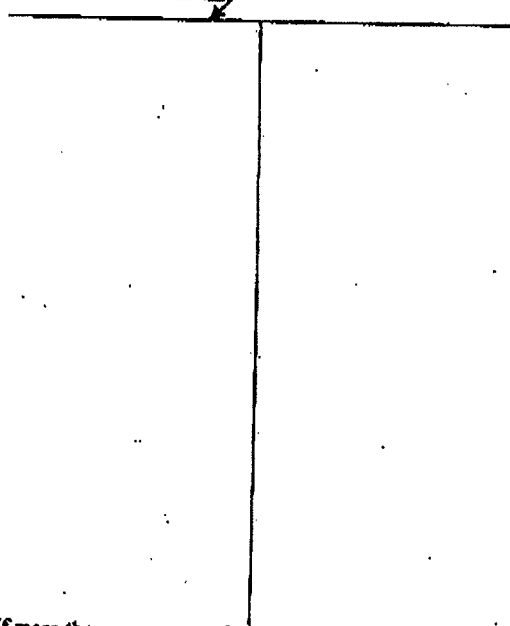
County: Bolivar
 Permit #: _____

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The sketch below only required for water wells

If well telescopes, show depths on sketch,

Ground Level



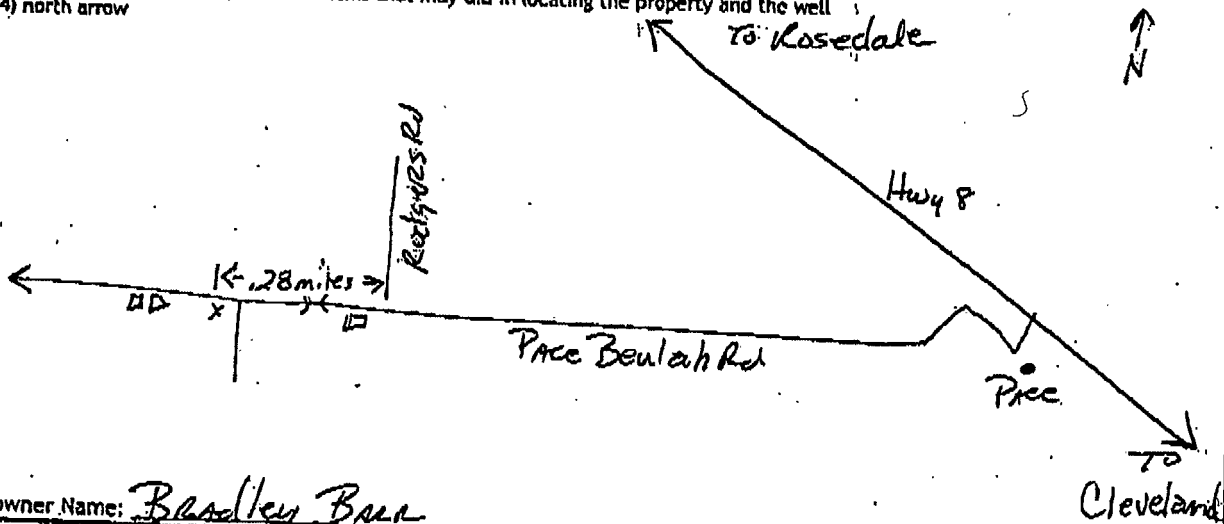
Description of formations encountered must be provided for all wells and boreholes, unless specifically exempted by regulations

Description of Formations Encountered	From (depth)	To (depth)
Clay	Ground level	19
Fine Sand	19	31
Medium Sand	31	39
Medium/Coarse Sand	39	
Pea Gravel		48
Medium Sand	48	51
Medium/Coarse Sand & Pea Gravel	51	69
Medium/Coarse Sand & Gravel	69	79
Coarse & Gravel	79	98
Medium/Coarse Sand & Gravel	98	107
Medium Sand	107	118
Medium Sand & Pea Gravel	118	119
Medium/Coarse Sand & Pea Gravel	119	
Clay		121
	121	121

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

Sketch the property layout and include the following:

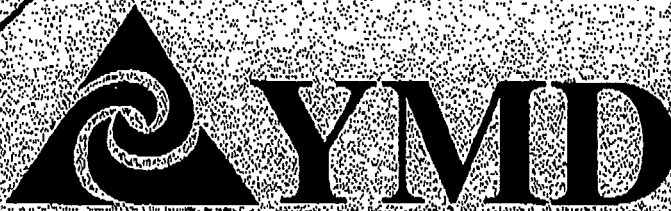
- 1) the well location
- 2) any permanent structures on the property that may aid in locating the well
- 3) any roads, power lines, or other items that may aid in locating the property and the well
- 4) north arrow



Landowner Name: Bradley Baer

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 7-6-15 Clayton Miller
 Print Name of Responsible Licensee and License No. Date Signature of Licensee



Dean A. Pennington, PhD
Executive Director

P.O. Box 129
Stoneville, MS 38776
Tel: (662) 686-7712
Fax: (662) 686-3078
www.ymd.org

Yazoo Mississippi Delta Joint Water Management District

June 24, 2015

Bradly Barr
737 Beulah Road
Beulah, MS 38726

RE: Receipt for Notification of Construction of Replacement Well MS-GW-48996
which will be replacing MS-GW-06250 located at
Location: NW ¼ of the SW ¼ Section 02 Township 22N Range 07W County Bolivar
Latitude: 334727 Longitude: 905357

Dear Bradly Barr,

This letter acknowledges your notification to the state that you intend to replace a previously permitted well in the Mississippi River Valley Alluvial Aquifer and that this replacement construction will meet the requirements for a groundwater replacement well specified in 11 Miss. Admin. Code Part 7, Chapter 1, Rule 1.4.F.1 (see attached/back of page). Construction may begin immediately on your replacement well.

Remember that you are still required to submit a permit application (enclosed) for the replacement well within 5 days of construction beginning. You are also required to properly decommission (plug and abandon) the replaced well within 180 days of the replacement well's construction.

A copy of this letter, or a water use permit for the replacement well, must be attached to the State Well Report submitted by your driller to MDEQ and they must also submit a copy to YMD, as specified in the Water Well Contractor regulations found in 11 Miss. Admin. Code Part 7, Chapter 2, Rule 2.9.

If you have any questions, please call YMD at 662-686-7712.

Sincerely,

Dillard Melton, Jr.

Dillard Melton Jr.
Permitting Director