

#3

Part 2 never received

County: Bolivar
 Permit #: GW-44795 ✓
 Driller: Clarence McMurry
 Date drilling completed: 3-29-2011

State Well Report 3/13
Part 1 - Driller's Log
 Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P.O. Box 2307
 Jackson, MS 39225
 (601)961-5210
 (601)961-5228 (fax)

For Office Use Only:
 Aquifer: C179
 Well #: _____
 L. S. Elevation: _____
 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.

Information on Well Owner (Landowner if borehole is not for a water well)	Well or Borehole Location
Owner Name: <u>Brad Barr</u>	Latitude: <u>33° 52' 59.22"</u> Longitude: <u>90° 55' 20.43"</u>
Mailing Address: <u>737 Beulah Rd</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>Rosedale MS 38769</u>	USGS quad: <u>Hand-held GPS</u> Survey-grade GPS
City State Zip Code	<u>SE 1/4 SE 1/4 Sec 33 Twp 24N Rng 07W</u>
Telephone No: <u>(662) 721-7035</u>	Distance Direction Nearest Town
	<u>2 Miles NW of Malvina</u>

Well / Borehole Data

Date drilling started: 3-29-11 Date drilling completed: 3-29-11 Hole depth: 125' Hole diameter: 26"

Location of the source of any surface water used for drilling: near by ditch

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 (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 one): Home _____ Industrial _____ Public Supply _____ Irrigation Fish Culture _____ Other: _____

If a flowing well, method of flow regulation: Valve _____ Other (describe) _____

Static Water Level: _____ feet above or below (circle one) land surface Date measured: _____

Method of Measurement (circle one) steel tape electric tape air line other: _____

Well depth: 124' Well grouted to a depth of 10 feet Type of grout (circle one) Neat Cement Bentonite Mix

Casing length: 74 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 74 feet to 124 feet

Type of completion (circle all applicable): Gravel packed Underreamed Telescoped 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*

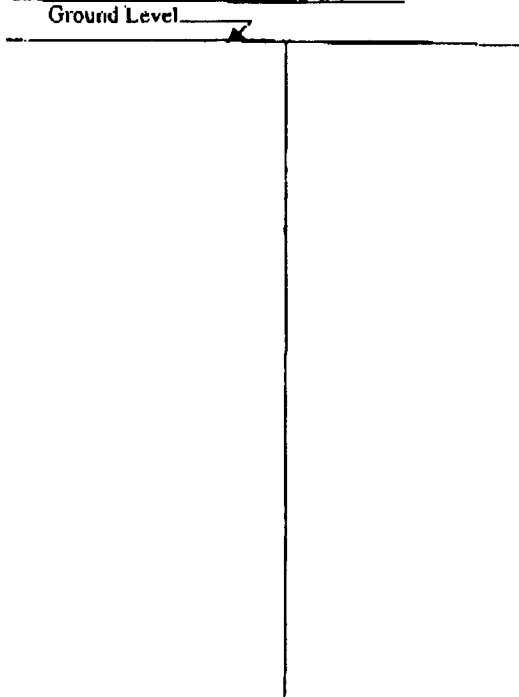
Well Only

C179

The sketch below only required for water wells

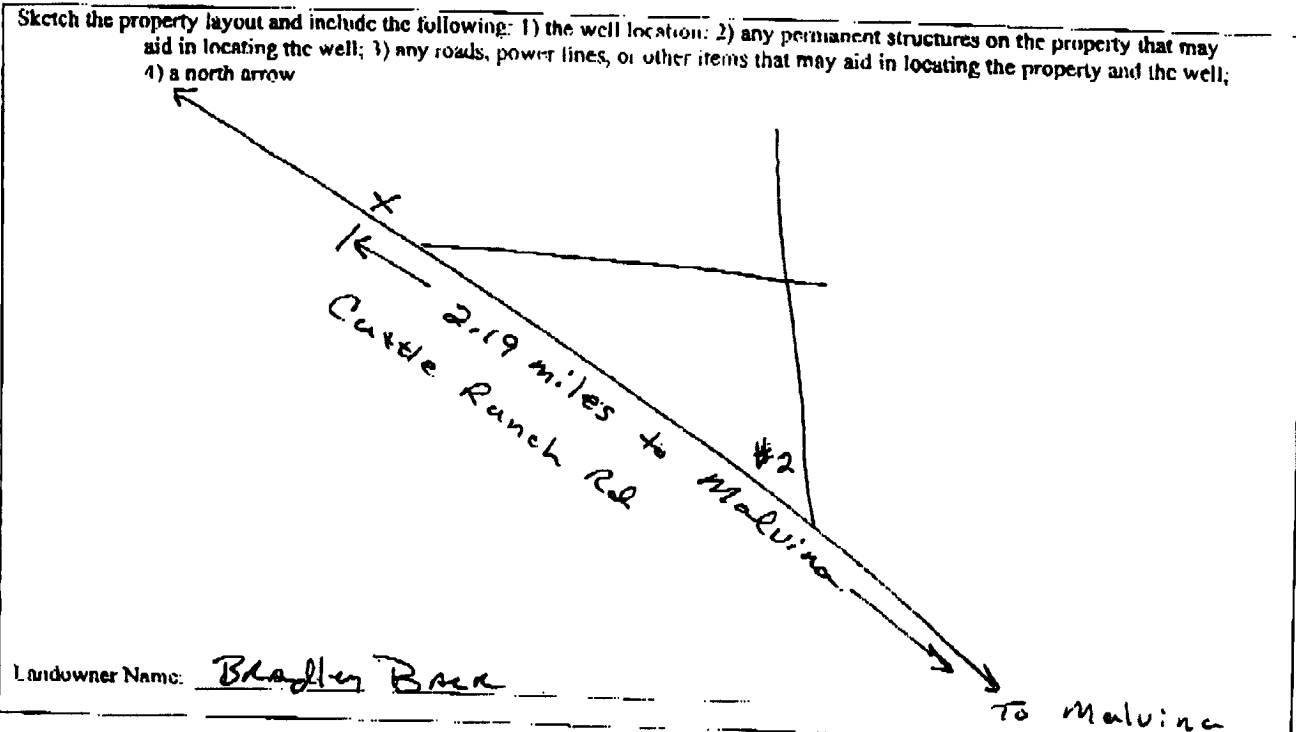
If well telescopes, show depths on sketch.

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)
Clay & Fine Sand	Ground Level	57
Medium Sand	57	73
Medium/Coarse Sand & pea gravel	73	88
Coarse Sand & gravel	88	101
Medium Sand	101	106
Coarse Sand & gravel	106	113
Medium/Coarse Sand & pea gravel	113	117
Coarse Sand & pea gravel	117	125

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



Form: OLWR-SWR-1A (04/08)

I 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 4-8-11

Print Name of Responsible Licensee and License No.

Date

Clayton Miller

Signature of Licensee

#3

STATE OF MISSISSIPPI

Department of Environmental Quality
Office of Land and Water Resources
P. O. Box 2309
Jackson, Mississippi 39225

C179

PERMIT

TO DIVERT OR WITHDRAW FOR BENEFICIAL USE THE PUBLIC WATERS

This permit is issued to the landowner named below in accordance with the provisions of the Mississippi Water Laws, Mississippi Code Sections 51-3-1, et seq.(1972, as amended), and the regulations and standards as promulgated thereunder. Whether or not specifically named in this permit or in the applications for this permit, anyone using water from the diversion/withdrawal point described below shall do so in compliance with the provisions of this permit. Neither this permit, nor any authority conferred hereby, may be sold, conveyed, encumbered, assigned, or otherwise aliened, for any period of time or under any conditions whatsoever. This permit may not be modified, transferred or revoked without prior action by the Permit Board. Any attempts to modify, transfer or revoke this permit, or to take any other action on this permit, shall be invalid and unenforceable and may result in immediate revocation or suspension of this permit. The holder of this permit shall at all times be responsible for adherence to the terms and conditions of this permit. No agreement between the permit holder and any other party shall affect the obligations and liabilities of the permit holder. Water use under this permit is allowed only when the streamflow, lake level elevation, or static groundwater level (whichever, if any, is applicable) is above the established minimum, pursuant to Mississippi Code Section 51-3-7. Authorization is hereby granted to divert/withdraw water for the beneficial use designated herein, and for no other purpose, subject to the following terms, conditions, and limitations:

Permit Number: MS-GW-44795

Landowner Name: BARR, BRADLY R

Landowner Address: 737 BEULAH ROAD
BEULAH

MS 38726

Source Of Water: MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER

Beneficial Use: IRRIGATION

Diversion/Withdrawal Location: NW 1/4 of the SE 1/4

Section: 33 **Township:** 24N **Range:** 07W

County: BOLIVAR

Quad: CUNNTSON

Maximum Volume: 293 Acre-Feet/Year *equivalent to* .2615 Million Gallons/Day

Maximum Rate: 2500 Gallons/Minute

Applicant Name: BARR, BRADLEY R

Applicant Address: 737 BEULAH ROAD
BEULAH

MS 38726

Date Permit Issued: 03/09/2011


Date Permit Expires: 03/09/2021

Date Permit Modified:

Date Permit Re-Issued:

This permit shall be deemed null and void if construction has not begun within one (1) year of permit issue date

SPECIAL TERMS AND CONDITIONS:



Sam Mabry
Office Director