

County Bolivar
 Permit #: GW-44815-1
 Driller: Clarence McMurry
 Date drilling completed: 4-2-11

State Well Report
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
 (801)961-5228 (fax)

For Office Use Only:
 Aquifer: B181
 Well #: _____
 L.S. Elevation: _____
 R-log #: _____

State Law requires that this report be prepared by the licensee 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.

<p>Information on Well Owner <i>(Landowner if borehole is not for a water well)</i></p> <p>Owner Name: <u>Donald Dearing</u> Mailing Address: <u>P.O. Box 310</u> <u>Holly Grove AR 72069</u> City State Zip Code Telephone No. <u>(663) 719-9040</u></p>	<p>Well or Borehole Location</p> <p>Latitude: <u>N 34° 00' 1.10"</u> Longitude: <u>W 90° 42' 45.21"</u> Method of Lat/Long (circle one): Conventional Survey USGS quad: <u>Hand-held GPS</u> Survey-grade GPS NW <u>1/4</u> Sec <u>34</u> Twn <u>25 N</u> Rng <u>5 W</u> Distance: <u>2.2</u> Miles Direction: <u>EAST</u> of Nearest Town: <u>Hushpuckeen</u></p>
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Well / Borehole Data

Date drilling started: 4-2-11 Date drilling completed: 4-2-11 Hole depth: 126 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) N/A

Static Water Level: 39 feet above or below (circle one) land surface Date measured: 4-4-11

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

Well depth: 126 Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 26 feet Casing diameter: 16 inches Type of casing: PVC

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

Screen slot size: .030 inches Setting depth: From 76 feet to 126 feet

Type of completion (circle all applicable): Gravel packed Undeveloped Telescoped Open hole Natural Development
 Other (describe) _____

Top of top pipe or reduction in casing: N/A feet *If telescoped or more than one screen, describe on next page*

STATE WELL REPORT

Part 2

Pump Installer's Completion Report
 Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P. O. Box 7309
 Jackson, MS 39225
 (601)961-5210
 (601)961-5228 (fax)

County: Bolivar
 Permit #: GW-44815
 Driller: John Rybolt IV
 Date completed: 4-4-11
Copy information from block on Part 1.

For Office Use Only:
 Aquifer: _____
 Well #: _____
 Elevation: _____

This part of the report must be completed by a licensed water well contractor or a licensed pump installer. A copy of Part 1 of the report must be attached and both parts filed with the Department at the above address within 30 days of well completion.

Well Owner Information
 Owner Name: Donald Deering
 Mailing Address: P.O. Box 310
Holly Grove AR 72069
 City State Zip Code
 Telephone No. (662) 719-9040

Well Location
 Latitude N34° 0' 1.10" Longitude W90° 42' 45.21"
 Method of I n/Long (check one): Convencional Survey _____
 USGS quad _____ Hand-held GPS Y Survey-grade GPS _____
 _____ 1/4 _____ 1/4 Sec _____ T _____ R _____
 Distance Direction Nearest Town
2.2 Miles EAST of Hushpuckena

Pump Type
 Circle one
 Air Lift Jet Submersible
 Bucket Piston Turbine
 Centrifugal Rotary Flowing Well
 Other (specify): _____
 Date Pump Installed: 4-4-11
 Rated Pump Capacity: _____ Gallons Per Minute

Power Type
 Circle one
 Diesel Engine Gasoline Engine Natural Gas
 Electric Motor Hand Tractor PTO
 Windmill Other (specify): _____
 Horse Power Rating of Motor: 40
 Setting Depth 80 feet
 Number of Stages: 1

Pump Test Data
 Date Well Tested: NOT TESTED
 Static Water Level (A): 39 Feet Below Land Surface
 Pumping Water Level (B): N/A Feet Below Land Surface
 Drawdown [(B) - (A)]: N/A Feet Below Land Surface
 Test Pumping Rate: N/A Gallons Per Minute
 Duration of Pump Test (minimum 4 hours): N/A hours

Method of Measuring Water Level
 Circle one
 Au Line Electric Measuring Line Steel Tape
 Other (specify): _____
 For flowing well, measured shut in head: N/A feet
 Well yielded _____ GPM with a drawdown of _____ feet after _____ hours of pumping

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.
Clayton Miller 0-703
 Print Name of Pump Installer and License No. (if applicable)
Clayton Miller
 Signature of Pump Installer
 Form: OLWR-SWR-1B (04/08)

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

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-44815

Landowner Name: DEARING, DONALD

Landowner Address: PO BOX 310

HOLLY GROVE MS 39269

Source Of Water: MISSISSIPPI RIVER VALLEY ALLOUVIAL AQUIFER

Beneficial Use: IRRIGATION

Diversion/Withdrawal Location: NE 1/4 of the NE 1/4

Section: 33 **Township:** 25N **Range:** 06W

County: BOLIVAR

Quad: DUNCAN

Maximum Volume: 210 Acre-Feet/Year *equivalent to* .1874 Million Gallons/Day

Maximum Rate: 2000 Gallons/Minute

Applicant Name: BELL & BELL PARTNERSHIP

Applicant Address: 240 GREER ROAD

SHELBY MS 38774

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: REPLACEMENT FOR GW-08591



Sam Mabry
Office Director