

County: Bolivar  
 Permit #: GW-45640  
 Driller: Clarence W. Murry  
 Date drilling completed: 1-10-12

**State Well Report**  
**Part I - 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: M  
 Well #: \_\_\_\_\_  
 L. S. Elevation \_\_\_\_\_  
 P-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>Fidorelli Brothers Joint Venture</u>	Latitude: <u>33° 45' 16.79"</u> Longitude: <u>90° 41' 53.05"</u>
Mailing Address: <u>P.O. Box 1596</u>	Method of Lat/Long (circle one): <u>Conventional Survey</u>
<u>Cleveland, MS 38732</u>	USGS quad: <u>Hand-held GPS</u> Survey-grade GPS
City State Zip Code	<u>NW 1/4 Sec 15 Twn 22N Rng 05W</u>
Telephone No. <u>(662) 515-8340</u>	Distance Direction Nearest Town <u>1 Miles East of Cleveland</u>

**Well / Borehole Data**

Date drilling started: 1-10-12 Date drilling completed: 1-10-12 Hole depth: 123' Hole diameter: 21"

Location of the source of any surface water used for drilling: nearby 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: 46 feet above or below (circle one) land surface Date measured: 1-13-12

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

Well depth: 122' Well grouted to a depth of 10 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 82 feet Casing diameter: 12 inches Type of casing: PVC

Screen length: 40 feet Screen diameter: 12 inches Type of screen: PVC

Screen slot size: .050 inches Setting depth: From 82 feet to 122 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*



### STATE WELL REPORT

#### Part 2

**Pump Installer's Completion Report**  
 Mississippi Department of Environmental Quality  
 Office of Land and Water Resources  
 P.O. Box 2309  
 Jackson, MS 39225  
 (601)961-5210  
 (601)961-5228 (fax)

County: Bolivar  
 Permit #: GW 45640  
 Driller: Michael Wells  
 Date completed: 1-13-12  
 Copy information from block on Part 1

**For Office Use Only:**  
 Aquifer: \_\_\_\_\_  
 Well #: M253  
 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	Well Location
Owner Name: <u>Figueroa Brothers, Inc. Ventura</u>	Latitude: <u>33° 45' 16.39"</u> Longitude: <u>90° 41' 53.00"</u>
Mailing Address: <u>P.O. Box 1596</u>	Method of Lat/Long (check one): Conventional Survey _____ USGS quad _____ Hand-held GPS <input checked="" type="checkbox"/> Survey-grade GPS _____
<u>Cleveland, MS 38732</u> City State Zip Code	<u>1/4 1/4 Sec 15 T. 22N R. 05W</u>
Telephone No. <u>(662) 515-8340</u>	Distance Direction Nearest Town <u>1 Miles East of Cleveland</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <u>Submersible</u>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	<u>Electric Motor</u> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>30</u>
Date Pump Installed: <u>1-13-12</u>	Setting Depth: <u>80</u> feet
Rated Pump Capacity: _____ Gallons Per Minute	Number of Stages: <u>1</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>NOT TESTED</u>	Air Line <u>Electric Measuring Line</u> Steel Tape
Static Water Level (A): <u>46'</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>N/A</u> Feet Below Land Surface	For flowing well, measured shut in head: <u>N/A</u> feet
Drawdown ((B) - (A)): <u>N/A</u> Feet Below Land Surface	Well yielded <u>N/A</u> GPM with a drawdown of _____ feet after _____ hours of pumping
Test Pumping Rate: <u>N/A</u> Gallons Per Minute	
Duration of Pump Test (minimum 4 hours): <u>N/A</u> hours	

I HEREBY CERTIFY that the above statements are true to the best of my knowledge.

Clayton Miller 0-703 Clayton Miller  
 Print Name of Pump Installer and License No. (if applicable) Signature of Pump Installer

# STATE OF MISSISSIPPI

Department of Environmental Quality

Office of Land and Water Resources

P. O. Box 2309

Jackson, Mississippi 39225

M253

## 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-45640

**Landowner Name:** MCRANEY, SUELLEN

**Landowner Address:** PO BOX 1596

CLEVELAND

MS 38732

**Source Of Water:** MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER

**Beneficial Use:** IRRIGATION

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

**Section:** 15 **Township:** 22N **Range:** 05W

**County:** BOLIVAR

**Quad:** MERIGOLD

**Maximum Volume:** 150 Acre-Foot/Year *equivalent to* .1339 Million Gallons/Day

**Maximum Rate:** 1200 Gallons/Minute

**Applicant Name:** FIORANELLI BROTHERS JV

**Applicant Address:** PO BOX 1596

CLEVELAND

MS 38732

**Date Permit Issued:** 11/30/2011

**Date Permit Expires:** 11/30/2016

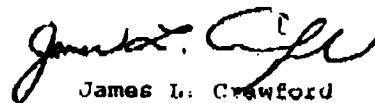
**Date Permit Modified:**

**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:** SEE ATTACHMENT 1, WHICH IS HEREBY DECLARED TO BE PART OF THIS PERMIT.

**SPECIAL TERMS AND CONDITIONS 2:**



James L. Crawford  
Office Director