

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
(601)961-5228 (fax)

County Bolivar
 Permit #: GW-45945
 Driller: Clarence McMurry
 Date drilling completed: 4-14-12

For Office Use Only:
 Aquifer: _____
 Well #: M276
 I. 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)

Owner Name: SFS Partnership
 Mailing Address: 492 Smith Road
Cleveland MS 38732
 City State Zip Code
 Telephone No. (662) 588-8125

Well or Borehole Location

Latitude N33° 47' 16.16" Longitude W90° 41' 34.53"
 Method of Lat/Long (circle one): Conventional Survey
 USGS quad: Hand-held GPS Survey-grade GPS
 SW 1/4 NW 1/4 Sec 2 Twn 22N Rng 5W
 Distance 3 Miles Direction NE of Nearest town Cleveland

Well / Borehole Data

Date drilling started: 4-14-12 Date drilling completed: 4-14-12 Hole depth: 120' Hole diameter: 22'

Location of the source of any surface water used for drilling: Nearby well
 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: 41' feet above or below (circle one) land surface Date measured: 4-16-12
 Method of Measurement (circle one) steel tape electric tape air line other: _____

Well depth: 120' Well grouted to a depth of 10 feet Type of grout (circle one) Neat Cement Bentonite Mix
 Casing length: 80 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 80 feet to 120 feet

Type of completion (circle all applicable): Gravel packed Underscreened 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)

For Office Use Only:

Aquifer: _____
 Well #: M276
 Elevation: _____

County: BOLIVAR
 Permit #: GW-45945
 Driller: Michael Wells
 Date completed: 4-16-12
Copy information from block on Part 1

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>S & B Partnership</u>	Latitude: <u>N33° 47' 16.16"</u> Longitude: <u>W90° 41' 34.53"</u>
Mailing Address: <u>497 Smith Road</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Cleveland MS 38732</u>	USGS quad _____ Hand-held GPS <u>X</u> Survey-grade GPS _____
City State Zip Code	<u>SW 1/4 NW 1/4 Sec 2 R22N R 5W</u>
Telephone No. <u>(662) 588-8125</u>	Distance Direction Nearest Town
	<u>3 Miles NE 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>40</u>
Date Pump Installed: <u>4-16-12</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>41</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 _____ 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

M276

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 Law, Mississippi Code Section 51-3-1, et seq. (1972, as amended), and the regulations and methods as prescribed thereunder. Whether or not specifically named in this permit or in the application 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 contained hereby may be sold, conveyed, encumbered, assigned, or otherwise aliened, in any part of it or under any condition whatsoever. This permit may not be modified, transferred or revoked without prior notice by the Permit Board. Any attempt 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 stipulations:

Permit Number: MS-GW-45915

Landowner Name: SMITH, JOE
 Landowner Address: 497 WHITE ROAD
 CLEVELAND MS 38732

Source Of Water: MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER

Beneficial Use: IRRIGATION

Diversion/Withdrawal Location: NW 1/4 of the SW 1/4 Section 35 Township 25N Range 05W
 County: BOLIVAR Quad: HERSCOLD
 Maximum Volume: 236 Acre-Feet/Year equivalent to 2464 Million Gallons/Day
 Maximum Rate: 1700 Gallons/Minute

Applicant Name: SMITH, JOE
 Applicant Address: 497 WHITE ROAD
 CLEVELAND MS 38732

Date Permit Issued: 04/16/2012

Date Permit Expires: 04/16/2017

Date Permit Modified:

Date Permit Re-issued:

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

SPECIAL TERMS AND CONDITIONS:

SPECIAL TERMS AND CONDITIONS: 21 SEE ATTACHMENT 1, WHICH IS HEREBY DECLARED TO BE PART OF THIS PERMIT.

James L. Crawford
 James L. Crawford
 Office Director