

State Well Report

Part 1 - Driller's Log

Mississippi Department of Environmental Quality
Office of Land and Water Resources
P.O. Box 10631
Jackson, MS 39289-0631
(601)961-5210
(601)354-6938 (fax)

County: George
Permit #: _____
Driller: Michael S. Howard
Date drilling completed: 7-18-08

For Office Use Only:
Aquifer: _____
Well #: C-155
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>Vulcan Materials</u>	Latitude: <u>30° 54' 62" 37</u> Longitude: <u>88° 32' 99" 59</u>
Mailing Address: <u>1200 Urban Center Drive</u>	Method of Lat/Long (circle one): Conventional Survey, _____
<u>Birmingham AL 35242</u> City State Zip Code	USGS quad, <u>hand-held GPS</u> Survey-grade GPS
Telephone No. (<u>205</u>) <u>298-3659</u>	<u>SE 1/4 SE 1/4 Sec 35 Twn T15 Rng R6W</u>
	Distance Direction Nearest Town <u>2</u> Miles <u>SE</u> of <u>Lucaedale</u>

Well / Borehole Data

Date drilling started: 7-18-08 Date drilling completed: 7-18-08 Hole depth: 96 Hole diameter: 7.25

Location of the source of any surface water used for drilling: _____
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: 53 feet above or below (circle one) land surface Date measured: 7-19-08

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

Well depth: 96 Well grouted to a depth of 20 feet Type of grout (circle one): Neat Cement Bentonite Mix

Casing length: 76 feet Casing diameter: 4 inches Type of casing: PVC 540 BE

Screen length: 20 feet Screen diameter: 4 inches Type of screen: PVC 540 WOP

Screen slot size: .010 inches Setting depth: From 76 feet to 96 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: _____ feet. *If telescoped or more than one screen, describe on next page*

Form: OLWR-SWR-1A

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STATE WELL REPORT

Part 2

Pump Installer's Completion Report
 Mississippi Department of Environmental Quality
 Office of Land and Water Resources
 P.O. Box 10631
 Jackson, MS 39289-0631
 (601)961-5210
 (601)354-6938 (fax)

County: George
 Permit #: _____
 Driller: Michael S. Harvard
 Date completed: 7-19-08
Copy information from block on Part 1

For Office Use Only:

Aquifer: _____
 Well #: C-155
 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>Ulcian Materials</u>	Latitude: <u>N30°54.62</u> Longitude: <u>W88°32.99</u>
Mailing Address: <u>1200 Urban Center Drive</u>	Method of Lat/Long (check one): Conventional Survey _____
<u>Birmingham AL 35242</u> City State Zip Code	USGS quad _____, Hand-held GPS <input checked="" type="checkbox"/> , Survey-grade GPS _____
Telephone No. <u>(205) 298-3659</u>	Distance Direction Nearest Town <u>2</u> Miles <u>SE</u> of <u>Lucedale</u>

Pump Type Circle one	Power Type Circle one
Air Lift Jet <input type="checkbox"/> Submersible <input checked="" type="checkbox"/>	Diesel Engine Gasoline Engine Natural Gas
Bucket Piston Turbine	Electric Motor <input checked="" type="checkbox"/> Hand Tractor PTO
Centrifugal Rotary Flowing Well	Windmill Other (specify): _____
Other (specify): _____	Horse Power Rating of Motor: <u>5</u>
Date Pump Installed: <u>7-19-08</u>	Setting Depth: <u>90</u> feet
Rated Pump Capacity: <u>85</u> Gallons Per Minute	Number of Stages: <u>15</u>

Pump Test Data	Method of Measuring Water Level Circle one
Date Well Tested: <u>7-19-08</u>	Air Line <input type="checkbox"/> Electric Measuring Line <input checked="" type="checkbox"/> Steel Tape
Static Water Level (A): <u>53</u> Feet Below Land Surface	Other (specify): _____
Pumping Water Level (B): <u>71</u> Feet Below Land Surface	For flowing well, measured shut in head: _____ feet
Drawdown [(B) - (A)]: <u>18</u> Feet Below Land Surface	Well yielded <u>115</u> GPM with a drawdown of
Test Pumping Rate: <u>115</u> Gallons Per Minute	<u>18</u> feet after <u>5</u> hours of pumping
Duration of Pump Test (minimum 4 hours): <u>5</u> hours	

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

Michael S. Harvard Signature of Pump Installer
 Print Name of Pump Installer and License No. (if applicable)

Form: OLWR-SWR-1B
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