VULCAN MATERIALS CO
Reported by
SANSONE DANIEL F

FORM 4
(Statement of Changes in Beneficial Ownership)

Filed 03/03/10 for the Period Ending 03/01/10

Address 1200 URBAN CENTER DRIVE
BIRMINGHAM, AL 35242
Telephone 2052983000
CIK 0001396009
Symbol VMC
Fiscal Year 12/31
United States Securities and Exchange Commission
Washington, D.C. 20549

Statement of Changes in Beneficial Ownership of Securities

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(f) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *

Sansone Daniel F
1200 Urban Center Drive
Birmingham, AL 35242

2. Issuer Name and Ticker or Trading Symbol

Vulcan Materials CO [ VM C ]

3. Date of Earliest Transaction (MM/DD/YYYY)

3/1/2010

5. Relationship of Reporting Person(s) to Issuer (Check all applicable)

_____ Director
_____ 10% Owner
__ X Officer (give title below)
_____ Other (specify below)
Sr. VP & CFO

4. If Amendment, Date Original Filed (MM/DD/YYYY)


6. Individual or Joint/Group Filing (Check Applicable Line)

_ X Form filed by One Reporting Person
___ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

<table>
<thead>
<tr>
<th>Title of Security</th>
<th>Trans. Date</th>
<th>Deemed Execution Date</th>
<th>Code</th>
<th>Amount</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock (Restricted Stock Units)</td>
<td>3/1/2010</td>
<td>F</td>
<td>71 (1)</td>
<td>D</td>
<td>$43.055</td>
</tr>
<tr>
<td>Common Stock (Restricted Stock Units)</td>
<td>3/1/2010</td>
<td>D</td>
<td>2501 (2)</td>
<td>D</td>
<td>$43.055</td>
</tr>
</tbody>
</table>

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

<table>
<thead>
<tr>
<th>Title of Derivative Security</th>
<th>Conversion or Exercise Price of Derivative Security</th>
<th>Trans. Date</th>
<th>Deemed Execution Date</th>
<th>Code</th>
<th>Amount</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phantom Stock (Deferred Comp DSUs/PSUs)</td>
<td>50 (2)</td>
<td>3/1/2010</td>
<td>A</td>
<td>2501 (2)</td>
<td>2501</td>
<td>$43.055</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>18904.87</td>
</tr>
</tbody>
</table>

Explanation of Responses:

(1) Represents the portion of the shares of common stock received upon the vesting of the restricted stock units ('RSUs') that the reporting person has elected to surrender to the Company in payment of taxes associated with the vesting.

(2) Represents time-based restricted stock units ('RSUs') reported as shares of common stock. The reporting person has elected, upon the vesting thereof, to defer the receipt of these shares under the terms of the Company's Executive Deferred Compensation Plan.

Reporting Owners

Sansone Daniel F
1200 Urban Center Drive
Birmingham, AL 35242

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sansone Daniel F</td>
<td>Director, 10% Owner, Officer, Sr. VP &amp; CFO</td>
</tr>
</tbody>
</table>

OMB APPROVAL
OMB Number: 3235-0287
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Signatures

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>&quot;Signature of Reporting Person&quot;</td>
<td>Date</td>
</tr>
</tbody>
</table>

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4(b)(v).


Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.