VULCAN MATERIALS CO
Reported by
NAPIER JAMES V

FORM 4
(Statement of Changes in Beneficial Ownership)

Filed 10/14/08 for the Period Ending 10/09/08

Address
1200 URBAN CENTER DRIVE
BIRMINGHAM, AL 35242

Telephone 2052983000
CIK 0001396009
Symbol VMC
Fiscal Year 12/31
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 *
NAPIER JAMES V
1200 URBAN CENTER DRIVE
BIRMINGHAM, AL 35242

2. Issuer Name and Ticker or Trading Symbol
Vulcan Materials CO [ VMC ]

3. Date of Earliest Transaction (MM/DD/YYYY)
10/9/2008

5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
__ X __ Director
_____ 10% Owner
_____ Officer (give title below)
_____ Other (specify below)

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

<table>
<thead>
<tr>
<th>1. Title of Security (Instr. 3)</th>
<th>2. Trans. Date</th>
<th>2A. Deemed Execution Date, if any</th>
<th>3. Trans. Code (Instr. 8)</th>
<th>4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)</th>
<th>5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)</th>
<th>6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>7. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phantom Stock (Deferred Compensation)</td>
<td>(1) 10/9/2008</td>
<td>A (2)</td>
<td>41.12</td>
<td>(3)</td>
<td>41.12</td>
<td>Common Stock</td>
<td>D</td>
</tr>
<tr>
<td>Phantom Stock (Deferred Compensation)</td>
<td>(1) 10/10/2008</td>
<td>A (2)</td>
<td>34.68</td>
<td>(3)</td>
<td>34.68</td>
<td>Common Stock</td>
<td>D</td>
</tr>
<tr>
<td>Phantom Stock (Deferred Compensation)</td>
<td>(1) 10/11/2008</td>
<td>A (2)</td>
<td>114.34</td>
<td>(3)</td>
<td>114.34</td>
<td>Common Stock</td>
<td>D</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>1. Title of Derivative Security (Instr. 3)</th>
<th>2. Conversion or Exercise Price of Derivative Security</th>
<th>3. Trans. Date</th>
<th>3A. Deemed Execution Date, if any</th>
<th>4. Trans. Code (Instr. 8)</th>
<th>5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)</th>
<th>6. Date Exercisable and Expiration Date</th>
<th>7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)</th>
<th>8. Price of Derivative Security (Instr. 5)</th>
<th>9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)</th>
<th>10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>11. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phantom Stock (Deferred Compensation)</td>
<td>(1)</td>
<td>10/9/2008</td>
<td>A (2)</td>
<td>41.12</td>
<td>(3)</td>
<td>Common Stock</td>
<td>$72.96</td>
<td>9433.90</td>
<td>D</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phantom Stock (Deferred Compensation)</td>
<td>(1)</td>
<td>10/10/2008</td>
<td>A (2)</td>
<td>34.68</td>
<td>(3)</td>
<td>Common Stock</td>
<td>$72.09</td>
<td>9468.58</td>
<td>D</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phantom Stock (Deferred Compensation)</td>
<td>(1)</td>
<td>10/11/2008</td>
<td>A (2)</td>
<td>114.34</td>
<td>(3)</td>
<td>Common Stock</td>
<td>$71.06</td>
<td>9582.92</td>
<td>D</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Explanation of Responses:
(1)Convertible on a 1-for-1 basis.
(2)Director's fees credited to the reporting person's account in accordance with the Vulcan Materials Company Directors' Deferred Compensation Plan.
(3)The units are to be settled in Vulcan common stock commencing at the retirement of the reporting person.

Reporting Owners

Reporting Owner Name / Address | Relationships
--------------------------------|----------------|
NAPIER JAMES V               | X
1200 URBAN CENTER DRIVE       |               
Signatures

** Signature of Reporting Person Date

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.

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