VULCAN MATERIALS CO
Reported by
MCAEBEE RONALD G

FORM 4
(Statement of Changes in Beneficial Ownership)

Filed 02/17/09 for the Period Ending 02/12/09

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 *

McAbee Ronald G
(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)

2/12/2009

4. If Amendment, Date Original Filed

(Leave blank, if none)

5. Relationship of Reporting Person(s) to Issuer

_____ Director
_____ 10% Owner
X Officer (give title below)
_____ Other (specify below)

SVP, CMG-West

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

<table>
<thead>
<tr>
<th>Title of Security</th>
<th>Trans. Date</th>
<th>Trans. Code</th>
<th>Securities Acquired (A) or Disposed of (D)</th>
<th>Amount of Securities Beneficially Owned Following Reported Transaction(s)</th>
<th>Ownership Form: Direct (D) or Indirect (I)</th>
<th>Nature of Indirect Beneficial Ownership</th>
</tr>
</thead>
<tbody>
<tr>
<td>Performance Share Units</td>
<td>$0</td>
<td>2/12/2009</td>
<td>A 5760</td>
<td>5760</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>Stock Appreciation Right</td>
<td>$47.47</td>
<td>2/12/2009</td>
<td>A 44850</td>
<td>44850</td>
<td>D</td>
<td></td>
</tr>
</tbody>
</table>

Table II - Derivative Securities Beneficially Owned

<table>
<thead>
<tr>
<th>Title of Derivative Security</th>
<th>Conversion or Exercise Price of Derivative Security</th>
<th>Trans. Date</th>
<th>Trans. Code</th>
<th>Number of Derivative Securities Acquired (A) or Disposed of (D)</th>
<th>Date Exercisable and Expiration Date</th>
<th>Price of Derivative Security</th>
<th>Number of derivative Securities Beneficially Owned Following Reported Transaction(s)</th>
<th>Ownership Form of Derivative Security: Direct (D) or Indirect (I)</th>
<th>Nature of Indirect Beneficial Ownership</th>
</tr>
</thead>
<tbody>
<tr>
<td>Performance Share Units</td>
<td>$0</td>
<td>2/12/2009</td>
<td>A 5760</td>
<td>5760</td>
<td>12/31/2011 (1)</td>
<td>Common Stock</td>
<td>5760</td>
<td>0</td>
<td>5760</td>
</tr>
<tr>
<td>Stock Appreciation Right</td>
<td>$47.47</td>
<td>2/12/2009</td>
<td>A 44850</td>
<td>44850</td>
<td>2/12/2010</td>
<td>2/12/2019</td>
<td>Common Stock</td>
<td>44850</td>
<td>0</td>
</tr>
</tbody>
</table>

Explanation of Responses:

(1) Performance Share Units vest at December 31 following a three-year award period. At the end of the award period, the Compensation Committee determines the payment amount based on Company performance. The payment is made 100% in stock on a payment date determined by the Compensation Committee. The fair market value of the award is not determinable until the payment date.

Reporting Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>McAbee Ronald G</td>
<td>Director 10% Owner Officer SVP, CMG-West</td>
</tr>
</tbody>
</table>

BIRMINGHAM, AL 35242

Signatures
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.