VULCAN MATERIALS CO
Reported by
MCAEBEE RONALD G

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
FORM 4

[ ] Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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 *

McAbee Ronald G

(Last) (First) (Middle)

1200 URBAN CENTER DRIVE

(Street)

BIRMINGHAM, AL 35242

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol

Vulcan Materials CO [ VMC ]

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

3/1/2010

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

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

_____ Director

_____ 10% Owner

X Officer (give title below)

_____ Other (specify below)

SVP, CMG-West

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

_ 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>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>D</td>
<td>2336</td>
<td>$43.055</td>
</tr>
<tr>
<td>Phantom Stock (Deferred Comp DSUs/PSUs)</td>
<td>$0 (1)</td>
<td>3/1/2010</td>
<td>A</td>
<td>2336</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Title of Derivate Security</th>
<th>Conversion or Exercise Price of Derivative Security</th>
<th>Trans. Date</th>
<th>Code</th>
<th>Amount or Number of Shares</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phantom Stock (Deferred Comp DSUs/PSUs)</td>
<td>$0 (1)</td>
<td>3/1/2010</td>
<td>A</td>
<td>2336</td>
</tr>
</tbody>
</table>

Explanation of Responses:

(1) 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

Reporting Owner Name / Address | Relationships
--- | ---
McAbee Ronald G 1200 URBAN CENTER DRIVE | Director Officer Other

SVP, CMG-West

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.