VULCAN MATERIALS CO
Reported by
WASON ROBERT A IV

FORM 4
(Statement of Changes in Beneficial Ownership)

Filed 03/05/10 for the Period Ending 03/03/10

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

WASON ROBERT A IV
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)

3/3/2010

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

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

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

____ Sr. VP, General Counsel

5A. Other Relationship

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>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 Reportied 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>Common Stock (401k)</td>
<td>3/3/2010</td>
<td>I</td>
<td></td>
<td>2611.61 (A)</td>
<td>D $43.89</td>
<td>Direct (D)</td>
<td>Indirect Ownership</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 Derivate 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. 3 and 4)</th>
<th>10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>11. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock (401k)</td>
<td></td>
<td>3/3/2010</td>
<td>I</td>
<td></td>
<td>2611.61 (A)</td>
<td>Date Exercisable and Expiration Date</td>
<td>Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)</td>
<td>8. Price of Derivative Security (Instr. 5)</td>
<td>9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)</td>
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<td>11. Nature of Indirect Beneficial Ownership (Instr. 4)</td>
</tr>
</tbody>
</table>

Explanation of Responses:

(1) The Vulcan Materials Company Thrift Plan for Salaried Employees is a defined contribution plan that accounts for participant interests in the Plan, including interests in the Employee Stock Ownership Plan (ESOP) account, in terms of dollars. The number reported has been calculated by converting into shares the change in the dollar amount (net of changes due to intra-plan transfers) allocated to the participant's employer stock account during the period (resulting from participant contributions, Company-matching contributions and dividend equivalent payments on employer stock account balances) based on a formula used by the Company in the administration of the Plan. The corresponding transactions by the Plan in the Company's common stock are exempt from the application of Section 16(b).
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.