VULCAN MATERIALS CO
Reported by
SHEPHERD DANNY R

FORM 4
(Statement of Changes in Beneficial Ownership)

Filed 03/04/09 for the Period Ending 03/02/09

Address 1200 URBAN CENTER DRIVE
          BIRMINGHAM, AL 35242
Telephone 2052983000
CIK 0001396009
Symbol VMC
Fiscal Year 12/31
TABLE I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

<table>
<thead>
<tr>
<th>Title of Security</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>Common Stock (Restricted Stock Units)</td>
<td>3/2/2009</td>
<td>F</td>
<td>92 (1) D</td>
<td>$42.295</td>
<td>8073</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>Common Stock (Restricted Stock Units)</td>
<td>3/2/2009</td>
<td>D</td>
<td>732 (2) D</td>
<td>$42.295</td>
<td>7341</td>
<td>D</td>
<td></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 (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. 6)</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 Comp DSUs/PSUs)</td>
<td>$0 (2)</td>
<td>3/2/2009</td>
<td></td>
<td>A</td>
<td>732 (2)</td>
<td>(2)</td>
<td>(2)</td>
<td>Common Stock</td>
<td>732</td>
<td>732</td>
<td>D</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

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>SHEPHERD DANNY R 1200 URBAN CENTER DRIVE BIRMINGHAM, AL 35242</td>
<td>Director</td>
</tr>
</tbody>
</table>
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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