VULCAN MATERIALS CO
Reported by
HILL J THOMAS

FORM 4
(Statement of Changes in Beneficial Ownership)

Filed 03/04/14 for the Period Ending 03/01/14

Address 1200 URBAN CENTER DRIVE
          BIRMINGHAM, AL 35242
Telephone 2052983000
CIK 0001396009
Symbol VMC
SIC Code 1400 - Mining & Quarrying of Nonmetallic Minerals (No Fuels)
Industry Construction - Raw Materials
Sector Capital Goods
Fiscal Year 12/31
Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *  
Hill J Thomas  
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)  
3/1/2014

5. Relationship of Reporting Person(s) to Issuer  
X Officer (give title below)  
Executive VP & COO

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>Common Stock (Restricted Stock Units)</td>
<td>3/1/2014</td>
<td></td>
<td>F</td>
<td>21,0000 (1)</td>
<td>D</td>
<td>$67.9350</td>
<td>1402.0000</td>
</tr>
<tr>
<td>Common Stock (Restricted Stock Units)</td>
<td>3/1/2014</td>
<td></td>
<td>D</td>
<td>691,0000 (2)</td>
<td>D</td>
<td>$67.9350</td>
<td>711,0000</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. 5)</th>
<th>5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3 and 4)</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 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>(2)</td>
<td>3/1/2014</td>
<td>A</td>
<td>691,0000</td>
<td>(2)</td>
<td>(2)</td>
<td>Common Stock</td>
<td>691,0000</td>
<td>$67.9350</td>
<td>8090.0300</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>Hill J Thomas</td>
<td>Director 10% Owner Officer Executive VP &amp; COO</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.

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