VULCAN MATERIALS CO
Reported by
HILL J THOMAS

FORM 5
(Annual Statement of Changes in Beneficial Ownership)

Filed 01/07/14 for the Period Ending 12/31/13

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
Form 5

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. Statement for Issuer's Fiscal Year Ended
MM/DD/YYYY
12/31/2013

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

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

- Director
- 10% Owner
- Officer (give title below)

Executive VP & COO

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>Trans. Code</th>
<th>Amount</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock (401k)</td>
<td>11/18/2013</td>
<td>J (1)</td>
<td>5903.6800</td>
<td>D</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>$0 (1)</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>8443.5200</td>
<td>D</td>
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</tbody>
</table>

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

<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) (Instr. 3 and 4)</th>
<th>Date Exercisable</th>
<th>Expiration Date</th>
<th>Title of Underlying Securities</th>
<th>Amount or Number of Shares</th>
<th>Price of Derivative Security</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
<td></td>
<td>(Instr. 5)</td>
<td>(A)</td>
<td>(D) Date Exercisable</td>
<td>Expiration Date</td>
<td>Title of Underlying Security</td>
<td>Amount or Number of Shares</td>
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Explanation of Responses:
(1) Decrease due to a payment pursuant to a qualified domestic relations order (QDRO), resulting in the reflected balance.

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</td>
</tr>
</tbody>
</table>

Signatures

Amy M. Tucker, Attorney-in-Fact

** Signature of Reporting Person

Date

* 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. 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.