VULCAN MATERIALS CO
Reported by
JAMES DONALD M

FORM 4
(Statement of Changes in Beneficial Ownership)

Filed 05/14/15 for the Period Ending 05/12/15

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 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *
   JAMES DONALD M
   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)
   5/12/2015

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

5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
   X Director
   _____ 10% Owner
   _____ Officer (give title below)
   _____ Other (specify below)

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>Title of Security</th>
<th>Date</th>
<th>Code</th>
<th>Amount</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>5/12/2015</td>
<td>M</td>
<td>118000.0000</td>
<td>$68.6300</td>
</tr>
<tr>
<td>Common Stock</td>
<td>5/12/2015</td>
<td>F</td>
<td>102462.0000</td>
<td>$91.2900</td>
</tr>
<tr>
<td>Common Stock</td>
<td></td>
<td></td>
<td></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 Derivative Security</th>
<th>Date</th>
<th>Code</th>
<th>Amount</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stock Options (Right to Buy)</td>
<td>$68.6300</td>
<td>5/12/2015</td>
<td>M</td>
<td>118000.0000</td>
</tr>
</tbody>
</table>

Explanation of Responses:

(1) The option is fully vested as of the grant date, however, the sale of underlying shares is restricted until January 1, 2009.

Reporting Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>JAMES DONALD M</td>
<td>Director</td>
</tr>
<tr>
<td>1200 URBAN CENTER DRIVE</td>
<td>10% Owner</td>
</tr>
<tr>
<td>BIRMINGHAM, AL 35242</td>
<td>Officer</td>
</tr>
<tr>
<td></td>
<td>Other</td>
</tr>
</tbody>
</table>

Signatures

Amy M. Tucker, Attorney-in-Fact

Signature of Reporting Person

5/14/2015
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.