1. Name and Address of Reporting Person *

OBRIEN RICHARD T
(Last) (First) (Middle)
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)

6/15/2017

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>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>Deferred Stock Units</td>
<td>6/15/2017</td>
<td>A</td>
<td>1160.0000</td>
<td>(2)</td>
<td>(3)</td>
<td>(2)</td>
<td>(3)</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. 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>Deferred Stock Units</td>
<td>1160.0000</td>
<td></td>
<td></td>
<td></td>
<td>(2)</td>
<td>(3)</td>
<td>(2)</td>
<td>(3)</td>
<td>16610.3720</td>
<td>D</td>
<td></td>
</tr>
</tbody>
</table>

Explanation of Responses:

(1) Convertible on a 1-for-1 basis.

(2) Annual deferred stock grant made to the reporting person under the Vulcan Materials Company 2016 Omnibus Long-Term Incentive Plan.

(3) Deferred Stock Units are fully vested as of the grant date. Vested shares will be delivered to the reporting person in the month of April following the year in which the reporting person ceases to be a member of the Board of Directors, unless the reporting person has elected to defer payment of the award, or unless payment is made earlier due to the death or disability of the reporting person or a change in control of Vulcan.

Reporting Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>OBRIEN RICHARD T</td>
<td>Director 10% Owner Officer Other</td>
</tr>
<tr>
<td>1200 URBAN CENTER DRIVE BIRMINGHAM, AL 35242</td>
<td>X</td>
</tr>
</tbody>
</table>

Signatures

Jerry F. Perkins Jr., Attorney-in-Fact 6/19/2017 **Signature of Reporting Person Date