VULCAN MATERIALS CO
Reported by
SHEPHERD DANNY R

FORM 4
(Statement of Changes in Beneficial Ownership)

Filed 10/07/08 for the Period Ending 10/06/08

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, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(f) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *
   SHEPHERD DANNY R
   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)
   10/6/2008

5. Relationship of Reporting Person(s) to Issuer
   _____ Director
   _____ 10% Owner
   X Officer (give title below)
   ____ Other (specify below)
   SVP, CMG-East

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

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>Trans. Date</th>
<th>Deemed Execution Date, if any</th>
<th>Trans. Code</th>
<th>Securities Acquired (A) or Disposed of (D)</th>
<th>Securities Acquired Following Reported Transaction(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phantom Stock</td>
<td>10/6/2008</td>
<td></td>
<td>A</td>
<td>122 (A)</td>
<td>122 (A)</td>
</tr>
<tr>
<td></td>
<td></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>Conversion or Exercise Price of Derivative Security</th>
<th>Date Exercisable</th>
<th>Expiration Date</th>
<th>Title</th>
<th>Number of Derivative Securities Owned Following Reported Transaction(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phantom Stock (Deferred Compensation)</td>
<td></td>
<td>10/6/2008</td>
<td></td>
<td>Common Stock</td>
<td>122 $61.23 7310 D</td>
</tr>
</tbody>
</table>

Explanation of Responses:
(1) Convertible on a 1-for-1 basis.
(2) The units are to be settled in Vulcan common stock commencing at the retirement of the reporting person.

Reporting Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>SHEPHERD DANNY R</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>
<tr>
<td></td>
<td>SVP, CMG-East</td>
</tr>
</tbody>
</table>

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.

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.