

Vulcan Materials CO  
 Form 4  
 February 11, 2008

**FORM 4**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549**

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**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(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
**SHEPHERD DANNY R**

(Last) (First) (Middle)  
 1200 URBAN CENTER DRIVE  
 (Street)

BIRMINGHAM, AL 35242

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
**Vulcan Materials CO [VMC]**

3. Date of Earliest Transaction  
 (Month/Day/Year)  
**02/07/2008**

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
**SVP, CMG-East**

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**

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
|                                 |                                      |  | Code                           | V Amount (D) Price  |   |  |                                   |
| Common Stock                    | 02/07/2008                           |  | M                              | 2,352 A 22,067  |   | D  |                                   |
| Common Stock                    |                                      |  |                                |   | 217   | I  | By Spouse                         |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) |        | 6. Date Exercisable and Expiration Date (Month/Day/Year) |                 | 7. Title and Underlying (Instr. 3 and 4) |
|--|--|--------------------------------------|--|--------------------------------|--|--------|--|-----------------|--|
|  |  |                                      |  |                                | (A)  | (D)    | Date Exercisable   | Expiration Date |  |
| Performance Share Units                    | (1) (2)  | 02/07/2008                           |  | M                              |  | 1,800  | 12/31/2007(2)  | (2)             | Common Stock                             |
| Performance Share Units                    | (2)  | 02/07/2008                           |  | A                              |  | 3,700  | 12/31/2010(2)  | (2)             | Common Stock                             |
| Stock Appreciation Right                   | \$ 70.69   | 02/07/2008                           |  | A                              |  | 14,450 | 02/07/2009   | 02/07/2018      | Common Stock                             |

## Reporting Owners

| Reporting Owner Name / Address                                      | Relationships |           |               |       |
|---|---------------|-----------|---------------|-------|
|   | Director      | 10% Owner | Officer       | Other |
| SHEPHERD DANNY R<br>1200 URBAN CENTER DRIVE<br>BIRMINGHAM, AL 35242 |               |           | SVP, CMG-East |       |

## Signatures

By: Amy M. Tucker,  
Attorney-in-Fact

02/11/2008

\*\*Signature of Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) Each performance unit is settled 100% in Vulcan common stock after deducting the amount of taxes due.

Performance Share Units vest at December 31 following a three-year award period. At the end of the award period, the Compensation

(2) Committee determines the payment amount based on Company performance. The payment is made 100% in stock on a payment date determined by the Compensation Committee. The fair market value of the award is not determinable until the payment date.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.