Vulcan Materials CO Form 4 July 14, 2008

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

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

2. Issuer Name and Ticker or Trading

Vulcan Materials CO [VMC]

3. Date of Earliest Transaction

(Print or Type Responses)

1. Name and Address of Reporting Person * SMITH ORIN R

(First) (Last)

1200 URBAN CENTER DRIVE

(Middle)

(Month/Day/Year) 07/10/2008

Symbol

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

BIRMINGHAM, AL 35242

(City) (State) (Zip)

1.Title of Security (Month/Day/Year) Execution Date, if (Instr. 3)

2. Transaction Date 2A. Deemed

(Month/Day/Year)

4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8)

(Instr. 3, 4 and 5)

(A)

or Code V Amount (D) Price 5. Relationship of Reporting Person(s) to

OMB

Number:

Expires:

response...

Estimated average

burden hours per

OMB APPROVAL

3235-0287

January 31,

2005

0.5

Issuer

(Check all applicable)

X_ Director 10% Owner Officer (give title 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 5. Amount of 6. Ownership

7. Nature of Securities Form: Direct Indirect Beneficially (D) or Indirect Beneficial Owned Ownership Following (Instr. 4) (Instr. 4)

Reported Transaction(s) (Instr. 3 and 4)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)

required to respond unless the form displays a currently valid OMB control number.

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)

Conversion or Exercise Price of

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if (Month/Day/Year)

4. Transactionof Code Derivative (Instr. 8) Securities

5. Number 6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of 8 **Underlying Securities** (Instr. 3 and 4)

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	Derivative Security				Acqui (A) or Dispo of (D) (Instr. and 5)	sed 3, 4,				
			Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Phantom Stock (Deferred Compensation)	(1)	07/10/2008	A(2)		48		(3)	<u>(3)</u>	Common Stock	48
Phantom Stock (Deferred Compensation)	(1)	07/11/2008	A(2)		132		(3)	(3)	Common Stock	132

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
SMITH ORIN R							
1200 URBAN CENTER DRIVE	X						
BIRMINGHAM, AL 35242							

Signatures

By: Amy M. Tucker, Attorney-in-Fact 07/14/2008

**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) Convertible on a 1-for-1 basis.
- (2) Director's fees credited to the reporting person's account in accordance with the Vulcan Materials Company Directors' Deferred Compensation Plan.
- (3) The units are to be settled in Vulcan common stock commencing at the retirement of the reporting person.

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.

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