CF Industries Holdings, Inc.

Form 4 May 20, 2013

FORM 4

OMB APPROVAL

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

OMB Number: 3235-0287

_ Other (specify

Check this box if no longer subject to Section 16.

Annaton, D.C. 20549

Number:

January 31,

Expires:

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

response...

Form 4 or Form 5 obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person **
SCHMITT EDWARD A

2. Issuer Name **and** Ticker or Trading Symbol

CF Industries Holdings, Inc. [CF]

5. Relationship of Reporting Person(s) to Issuer

(Last) (First)

(Middle)

3. Date of Earliest Transaction

_X__ Director _____ 10% Owner

Officer (give title

(Check all applicable)

(Month/Day/Year) 05/16/2013

C/O CF INDUSTRIES HOLDINGS, INC., 4 PARKWAY NORTH,

(Street)

SUITE 400

4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year)

Applicable Line)
X Form filed by One Reporting Person
___ Form filed by More than One Reporting

Percor

DEERFIELD, IL 60015

(City)	(State)	(Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned										
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)		4. Securities Acquired (ransaction Disposed of (D) ode (Instr. 3, 4 and 5) nstr. 8) (A) or ode V Amount (D) Prior ode V Amount (D)	Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. 7. Nature of Ownership Indirect Form: Beneficial Direct (D) Ownership or Indirect (Instr. 4) (I) (Instr. 4)							
Common Stock, par value \$0.01 per share	05/16/2013		S 5,000 D \$ 192.4	4908 ^{9,109}	D							

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

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SEC 1474

(9-02)

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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	2.	3. Transaction Date		4. T	5.	6. Date Exer		7. Titl		8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if		ionNumber	Expiration D		Amou		Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day	(Year)	Under	, ,	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e		Securi	ities	(Instr. 5)	Bene
	Derivative				Securities	3		(Instr.	3 and 4)		Owne
	Security				Acquired						Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						(211512
					4, and 5)						
					4, and 3)						
									Amount		
						.	.		or		
						Date Exercisable	Expiration Date	Title	Number		
									of		
				Code V	(A) (D)				Shares		

Reporting Owners

Relationships Reporting Owner Name / Address

10% Owner Officer Other Director SCHMITT EDWARD A

C/O CF INDUSTRIES HOLDINGS, INC. 4 PARKWAY NORTH, SUITE 400 DEERFIELD, IL 60015

X

Signatures

/s/ Douglas C. Barnard, by power of attorney

05/20/2013

**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).

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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