Barnard Douglas C Form 4 December 01, 2011

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

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 * Barnard Douglas C

Symbol

2. Issuer Name and Ticker or Trading CF Industries Holdings, Inc. [CF] 5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

VP,General Counsel & Secretary

below)

(Last)

(First)

(Middle)

(Zip)

3. Date of Earliest Transaction

(Month/Day/Year) 11/29/2011

Director X_ Officer (give title

below)

10% Owner Other (specify

OMB APPROVAL

3235-0287

January 31,

2005

0.5

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Number:

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burden hours per

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

(Street)

(State)

SUITE 400

(City)

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

DEERFIELD, IL 60015

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3)

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial (I) Ownership (Instr. 4) (Instr. 4)

Reported Transaction(s)

(Instr. 3 and 4)

Code V Amount (D) Price

(A)

or

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

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.

SEC 1474 (9-02)

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

3. Transaction Date 3A. Deemed 1. Title of (Month/Day/Year) Execution Date, if TransactionDerivative Conversion

5. Number of

6. Date Exercisable and **Expiration Date**

7. Title and Amount of 8. Pr **Underlying Securities**

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code Securities (Instr. 8) Acquired (A) or Disposed o (D) (Instr. 3, 4, and 5)		(A) ed of	(Month/Day/Year)		(Instr. 3 and 4)		Secu (Inst	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Phantom Stock	(1)	11/29/2011		A		7.0338		<u>(1)</u>	<u>(1)</u>	Common stock, par value \$0.01 per share	7.0338	\$ 14

10% Owner

Secretary

Reporting Owners

Relationships Reporting Owner Name / Address Officer Other Director

Barnard Douglas C VP,General C/O CF INDUSTRIES HOLDINGS, INC. Counsel & 4 PARKWAY NORTH, SUITE 400

DEERFIELD, IL 60015

Signatures

/s/ Douglas C.

Barnard 12/01/2011 **Signature of Date

Reporting Person

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).

Each share of phantom stock is the economic equivalent of one share of CF Industries Holdings, Inc. common stock. Shares of phantom (1) stock are payable in cash following the reporting person's termination of employment with CF Industries Holdings, Inc. and may be transferred by the reporting person into an alternative investment account in accordance with the terms of the plan.

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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