Davisson William Form 4 May 14, 2018

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

OMB APPROVAL

Expires:

January 31,

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Section 16. Form 4 or Form 5 obligations may continue.

See Instruction

Check this box

if no longer

subject to

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

CF Industries Holdings, Inc. [CF]

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * **Davisson William**

5. Relationship of Reporting Person(s) to

Issuer

(Last)

(First)

(Middle)

(Zip)

3. Date of Earliest Transaction

X_ Director

10% Owner

(Check all applicable)

Officer (give title Other (specify below)

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

(State)

SUITE 400

(City)

(Street) 4. If Amendment, Date Original

Symbol

Filed(Month/Day/Year)

(Month/Day/Year)

05/10/2018

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

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)

5. Amount of Securities Beneficially Owned Following (Instr. 4)

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

Reported (A) Transaction(s)

(Instr. 3 and 4)

Price Code V Amount (D)

Common

per share

Stock, par 05/10/2018 value \$0.01

Α

3.299

A

or

\$0 38,358 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)

1

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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	2. Conversion	3. Transaction Date (Month/Day/Year)		4. Transacti	5. onNumber	6. Date Exerc Expiration D		7. Title Amount		8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security	(Month Day/Tear)	(Month/Day/Year)	Code (Instr. 8)	of	(Month/Day/ e	(Month/Day/Year)		ring es and 4)	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title N	Number		

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

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

X

Signatures

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

Date

05/14/2018

**Signature of 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).

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.

Reporting Owners 2