MOSAIC CO Form 4 March 11, 2014

FORM 4

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

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(b).

(Last)

(City)

Common

Stock

1. Name and Address of Reporting Person * O'Rourke James Calvin

> (First) (Middle)

C/O THE MOSAIC COMPANY, 3033 CAMPUS

DRIVE, SUITE E490

(Street)

(State)

PLYMOUTH, MN 55441

2. Issuer Name and Ticker or Trading

Symbol

3. Date of Earliest Transaction

MOSAIC CO [MOS]

(Month/Day/Year) 03/07/2014

4. If Amendment, Date Original

Filed(Month/Day/Year)

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

Issuer

below)

Director

Applicable Line)

X_ Officer (give title

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

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

(Zip)

(Month/Day/Year)

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

(A)

or

Beneficially Owned Following Reported

Transaction(s) (Instr. 3 and 4)

5. Amount of

Securities

Code V Amount (D) Price

23,425

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)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

5. Relationship of Reporting Person(s) to

(Check all applicable)

EVP - Operations & COO

6. Individual or Joint/Group Filing(Check

10% Owner

6. Ownership 7. Nature of

Indirect

Beneficial

Ownership

(Instr. 4)

(9-02)

Form: Direct

(D) or

D

Indirect (I)

(Instr. 4)

Other (specify

Estimated average

burden hours per

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| 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. Transacti Code (Instr. 8) | 5. Number of orderivative Securities Acquired (A or Disposed (D) (Instr. 3, 4, and 5) | Expiration D (Month/Day) | ate | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | |
|---|---|---|---|---------------------------------------|---|-----------------------------|--------------------|---|-------------------------------------|
| | | | | Code V | (A) (I | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
| Stock Option (Right to Buy) | \$ 52.72 | | | | | <u>(5)</u> | 07/27/2019 | Common Stock | 12,019 |
| Stock Option (Right to Buy) | \$ 44.93 | | | | | <u>(5)</u> | 07/27/2020 | Common Stock | 20,259 |
| Stock Option (Right to Buy) | \$ 70.62 | | | | | <u>(3)</u> | 07/21/2021 | Common Stock | 16,150 |
| Restricted Stock Units | \$ 0 (1) | | | | | 07/21/201 | 4 (2) | Common Stock | 7,080 |
| Stock Option (Right to Buy) | \$ 57.62 | | | | | <u>(4)</u> | 07/19/2022 | Common Stock | 27,681 |
| Restricted Stock Units | \$ 0 (1) | | | | | 07/19/201 | 5 (2) | Common Stock | 10,992 |
| Stock Option (Right to Buy) | \$ 54.03 | | | | | <u>(6)</u> | 07/18/2023 | Common Stock | 29,987 |
| Restricted Stock Units | \$ 0 (1) | | | | | 07/18/201 | 6 (2) | Common Stock | 11,722 |
| Stock Option (Right to Buy) | \$ 49.73 | 03/07/2014 | | A | 33,706 | <u>(7)</u> | 03/07/2024 | Common Stock | 33,706 |
| Restricted Stock | \$ 0 (1) | 03/07/2014 | | A | 12,735 | 03/07/201 | 7 (2) | Common Stock | 12,735 |

Units

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | | |
|--|---------------|-----------|------------------------------|-------|--|--|--|
| | Director | 10% Owner | Officer | Other | | | |
| O'Rourke James Calvin C/O THE MOSAIC COMPANY 3033 CAMPUS DRIVE, SUITE E490 PLYMOUTH, MN 55441 | | | EVP - Operations & COO | | | | |

Signatures

/s/ Richard L. Mack, Attorney-in-Fact for James C. O'Rourke

03/11/2014

**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) One-for-One
- (2) Not Applicable
- (3) Grant Date 07/21/2011; option becomes exercisable in three equal installments commencing on the first anniversary of the grant date and on each anniversary thereafter.
- (4) Grant Date 07/19/2012; option becomes exercisable in three equal installments commencing on the first anniversary of the grant date and on each anniversary thereafter.
- (5) This Stock Option is 100% exercisable.
- (6) Grant Date 07/18/2013; option becomes exercisable in three equal installments commencing on the first anniversary of the grant date and on each anniversary thereafter.
- (7) Grant Date 03/07/2014; option becomes exercisable in three equal installments commencing on the first anniversary of the grant date and on each anniversary thereafter.

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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