Kirsch James F Form 4 January 03, 2013

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

Expires:

5. Relationship of Reporting Person(s) to

Form filed by More than One Reporting

3235-0287 Number: January 31,

OMB APPROVAL

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response...

Check this box if no longer subject to Section 16. 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 *

Kirsch James F Issuer Symbol CLIFFS NATURAL RESOURCES (Check all applicable) INC. [CLF] (Last) (First) (Middle) 3. Date of Earliest Transaction _X__ Director 10% Owner Officer (give title Other (specify (Month/Day/Year) below) 1000 LAKESIDE AVENUE 01/01/2013 (Street) 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

2. Issuer Name and Ticker or Trading

CLEVELAND, OH 44114

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 4. Securities 6. Ownership 7. Nature of 3. 5. Amount of Security (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Securities Form: Direct Indirect (Instr. 3) Code Beneficially Beneficial Disposed of (D) (D) or (Month/Day/Year) (Instr. 3, 4 and 5) Owned Ownership (Instr. 8) Indirect (I) Following (Instr. 4) (Instr. 4) Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price Common $1,939.6^{(1)}$ D

Stock

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.

Person

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

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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. Transactio Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Units	<u>(2)</u>	01/01/2013		A(3)		155.5613	(3)	<u>(3)</u>	Common Shares	155.5613 (4)

Reporting Owners

Reporting Owner Name / Address	Relationships						
· · · · · · · · · · · · · · · · · · ·	Director	10% Owner	Officer	Other			
Kirsch James F 1000 LAKESIDE AVENUE CLEVELAND, OH 44114	X						

Signatures

/s/ Carolyn E. Cheverine by Power of
Attorney

01/03/2013

**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).
- The amount reflects 35.6860 shares of Restricted Stock acquired on December 3, 2012 pursuant to a dividend reinvestment feature of the Cliffs Natural Resources Inc. Nonemployee Directors' Compensation Plan (the "Plan") and .0190 shares acquired on December 3, 2012 pursuant to the Dividend Reinvestment and Stock Purchase Plan.. The Board of Directors of Cliffs Natural Resources Inc. declared dividends of \$0.625 per share, payable to all holders of record as of November 23, 2012.
- (2) Convertible into Common Shares on a 1-for-1 basis.
- Reflects number of Common Shares of underlying deferred compensation credited to the account of the Reporting Person in payment of the Reporting Person's required quarterly retainer for the first quarter under the Plan. Each Stock unit is generally distributable following termination of service as a Director.
- The total includes dividend reinvestment pursuant to the Plan. The number of deferred dividend reinvestment equivalent shares earned in the Plan is calculated using the closing market price at the end of each quarter for shares held in the Plan. The Reporting Person was credited with 45.3850 dividend reinvestment shares on December 31, 2012.

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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