Kirsch James F Form 4 July 03, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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5. Relationship of Reporting Person(s) to

Form filed by More than One Reporting

if no longer subject to Section 16. Form 4 or Form 5

obligations

Check this box

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 may continue. 30(h) of the Investment Company Act of 1940 See Instruction

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 07/02/2012 (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

(State)

(City)

Common

Stock

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 6. Ownership 7. Nature of 3. 4. Securities 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)

Person

Code V Amount (D) Price

 $1,875.965 \frac{(1)}{}$ D

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

(Zip)

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.

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. Transact Code (Instr. 8)	5. Number of conDerivative Securities Acquired (A) Disposed of (Instr. 3, 4, a 5)	rivative Expiration Date curities (Month/Day/Year) quired (A) or sposed of (D)		ate	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>	07/02/2012		A	121.7285 (3)		(3)	(3)	Common Shares	121.7285 (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

**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 21.0113 shares of Restricted Stock acquired June 1, 2012 pursuant to a dividend reinvestment feature of the Cliffs

 Natural Resources Inc. Nonemployee Directors' Compensation Plan (the "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 April 27, 2012. The amount also reflects .0113 shares credited on June 1, 2012 to the Reporting Person pursuant to the Dividend Reinvestment and Stock Purchase Plan.
- (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 third 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 15.7614 dividend reinvestment shares on June 29, 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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