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

OMB APPROVA	٨L
OMB Number: 3	3235-0287
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longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses) 1. Name and Address of Reporting Person* Kirsch James F			2. Issuer Name and Ticker or Trading Symbol CLIFFS NATURAL RESOURCES INC. [CLF]					T E1	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner					
(Last) (First) (Middle) 119 SUN STREET			3. Date of Earliest Transaction (Month/Day/Year) 07/01/2013					-	Officer (give	e title below)	Oth	er (specify belo	ow)	
(Street)			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 Person					
ROSCOMMON, MI 48653 (City) (State) (Zip)				Table I - Non-Derivative Securities Acqu						ured, Disposed of, or Beneficially Owned				
1.Title of Security (Instr. 3)		2. Transaction Date (Month/Day/Year)	Execut	xecution Date, if		(A	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		Amount of Syned Follow ansaction(s) astr. 3 and 4)	ing Reporte	ed	5. Ownership Form: Direct (D)	7. Nature of Indirect Beneficial Ownership	
			(Wiona	1/Bay/ 1 car)	Code	V Ar	(A) comount (D)	or				or Indirect (I) (Instr. 4)	(Instr. 4)	
	Common Shares								1,9	949.393 😃	1)		D	
		separate line for each	class of securities b	peneficia	lly owned d	irectly or	Persons in this fo	rm are not	required to	o respond	unless the	tion contair	ed SEC	1474 (9-02)
		separate line for each	Table II -	Derivati	ive Securiti	es Acqui	Persons in this fo displays	orm are not a currently ed of, or Be	required to valid OME	o respond B control n	unless the		ed SEC	1474 (9-02)
Reminder:	Report on a s	3. Transaction Date	Table II -	Derivati (e.g., pu 4. Transac Code	ive Securiti ts, calls, wa 5. Nun tion Deriva Securi Acquii	es Acqui rrants, on ther of tive ties red (A) posed of	Persons in this fo displays	orm are not a currently ed of, or Ben vertible secu ercisable tion Date	required to valid OME	o respond 3 control n wned Amount	unless the	9. Number o	f 10. Ownersl Form of Derivati Security Direct (l or Indire	11. Natur of Indirec Beneficia Ownershi (Instr. 4)
Reminder: 1. Title of Derivative Security	2. Conversion or Exercise Price of Derivative	3. Transaction Date	Table II - 3A. Deemed Execution Date, if any	Derivati (e.g., pu 4. Transac Code	tive Securiti ts, calls, wa 5. Nun tion Deriva Securi Acquii or Disj (D) (Instr.	es Acqui rrants, on ther of tive ties red (A) bosed of 3, 4,	Persons in this for displays red, Dispose ptions, con 6. Date Execute and Expirate	ed of, or Bei	required to valid OME neficially Overities) 7. Title and of Underlyi Securities (Instr. 3 and	o respond 3 control n wned Amount	8. Price of Derivative Security	9. Number of Derivative Securities Beneficially Owned Following Reported	f 10. Ownersl Form of Derivati Security Direct (l or Indire	11. Natur of Indirec Beneficia Ownershi : (Instr. 4)

D 4 0 N /	Relationships				
Reporting Owner Name / Address	Director	10% Owner	Officer	Other	
Kirsch James F 119 SUN STREET ROSCOMMON, MI 48653	X				

Signatures

/s/ James D. Graham by Power of Attorney	07/03/2013
**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 Board of Directors of Cliffs Natural Resources Inc. declared dividends of \$0.15 per share, payable to all holders of record as of May 17, 2013. The amount shown reflects .008 shares credited on June 3, 2013 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 (3) for the third quarter under the Cliffs Natural Resources Inc. Nonemployee Directors' Compensation Plan (the "Plan"). Each Stock unit is generally distributable following termination of service as a Director.
- (4) 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.
- (5) 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 26.6594 dividend reinvestment shares on June 28, 2013.

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.