FORM 4

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

OMB APPROVAL
OMB Number: 3235-0287
Estimated average burden
hours per response... 0.5

Check this box if no 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 Ty	pe Response	s)														
1. Name and Address of Reporting Person* Raguz Steven M				2. Issuer Name and Ticker or Trading Symbol CLIFFS NATURAL RESOURCES INC. [CLF]								5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director X Officer (give title below) Other (specify below) SVP, Corp. Strategy & Treas.				
(Last) (First) (Middle) 200 PUBLIC SQUARE, SUITE 3300				3. Date of Earliest Transaction (Month/Day/Year) 02/13/2012									SVP, C	orp. Strateg	y & Treas.	
(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						
	CLEVELAND, OH 44114 (City) (State) (Zip)				Table I - Non-Derivative Securities Acou						ired, Disposed of, or Beneficially Owned					
1.Title of Security (Instr. 3)		2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any		(Instr. 8)					quired l of (D)	d 5. Amount of Securities Beneficially Owned Followin Reported Transaction(s)		ies Following	6. Ownersh Form:	7. Nature of Indirect Beneficial	
				(Month/Day/Year)			ode	V	(A) (Instr. 3 and 4) or Amount (D) Price			Direct (D or Indirec (I) (Instr. 4)				
Common Stock		02/13/2012			A	(1)		9,788	A	\$ 71.89	9 17,083			D		
Common Stock		02/13/2012			F	(2)		3,866	D	\$ 71.89	13,217 ⁽³⁾		D			
Common Stock											200		I	By wife in IRA		
Common Stock											4,057 (4)		I	By VNQDC (5)		
Reminder:	Report on a s	separate line f	or each class of secur	rities benefic	ially c	wned		Pers	ons whained i	no respo n this fo	orm are	not requ	ction of inf uired to res OMB con	spond unle	ess	C 1474 (9-02)
				Derivative S (e.g., puts, ca								ly Owned				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security		on 3A. Deemed Execution Da any			5.		6. Date Exercisable and Expiration Date (Month/Day/Year)		cisable on Date	7. Ti Amo Und Secu	itle and bunt of erlying urities r. 3 and	Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s (Instr. 4)	Owne Form Deriv Secur Direc or Ind	of Benefic Owners (Instr. 4 (D) irrect
				Code	v V	(A)	(D)	Date Exer	e rcisable	Expirati Date	Title	Amount or Number of Shares				

Reporting Owners

D (O N /	Relationships								
Reporting Owner Name / Address	Director	10% Owner	Officer	Other					
Raguz Steven M 200 PUBLIC SQUARE SUITE 3300 CLEVELAND, OH 44114			SVP, Corp. Strategy & Treas.						

Signatures

/s/ Keirsten Riedel by Power Attorney	02/13/2012		
**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) Reflects a payout of performance shares for the 2009-2011 performance period earned under the Issuer's 2007 Incentive Equity Plan.
- (2) Reflects the surrender of 3,172 performance shares and 694 restricted share units from the 2009-2011 performance period in payment of the related tax liability incurred by the Reporting Person as a result of the award.
- (3) Total includes 2,000 shares held in the Reporting Person's individual IRA.
- (4) Balance shown reflects 14 and 16 shares acquired September 1, 2011 and December 1, 2011, respectively, pursuant to the dividend reinvestment feature of the Issuer's 2005 Voluntary Non-Qualified Deferred Compensation Plan ("VNQDC").
- (5) Held for the benefit of the Reporting Person by the VNQDC.

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.