Paradie Terrance M Form 4 June 16, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

3235-0287 Number:

OMB APPROVAL

January 31, Expires: 2005

Estimated average burden hours per

response... 0.5

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

Check this box

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).

Common

Common

Stock

Stock

06/14/2011

(Print or Type Responses)

1. Name and A Paradie Ter	2. Issuer Name and Ticker or Trading Symbol CLIFFS NATURAL RESOURCES INC. [CLF]				5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)				DirectorX Officer (give below)		Owner or (specify	
200 PUBLIC SQUARE, SUITE 3300			06/14/2011				SVP-Corp.Controller/CAO			
(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				
CLEVELA	2315					Form filed by More than One Reporting Person				
(City)	(State)	(Zip)	Table	e I - Non-D	erivative Securities	Acqu	ired, Disposed of	f, or Beneficial	ly Owned	
1.Title of	2. Transaction Da	te 2A. Dee	med	3.	4. Securities Acquire		5. Amount of	6. Ownership	7. Nature of	
Security	(Month/Day/Year		on Date, if		on(A) or Disposed of (D)		Securities	Form: Direct	Indirect	
(Instr. 3)		any (Month/	Day/Year)	Code (Instr. 8)	(Instr. 3, 4 and 5)		Beneficially Owned	(D) or Indirect (I)	Beneficial Ownership	
		(month)	Duji I cul)	(111501.0)			Following	(Instr. 4)	(Instr. 4)	

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

S

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.

Reported

6,143

5,997 (1)

Transaction(s) (Instr. 3 and 4)

D

I

By

(2)

VNQDC

(A)

D

Price

85.49

Code V Amount (D)

1,500

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

1. Title of	f 2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Titl	le and	8. Price of	9. Nu
Derivative	e Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration D	ate	Amou	ınt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	/Year)	Under	rlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e		Secur	ities	(Instr. 5)	Bene
	Derivative				Securities	S		(Instr.	. 3 and 4)		Owne
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A		
									Amount		
						Date	Expiration	T:41-	or Namel		
						Exercisable	Date		Number		
				C-1- V	(A) (D)				of		
				Code v	(A) (D)				Shares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Officer Other Director 10% Owner

Paradie Terrance M 200 PUBLIC SQUARE **SUITE 3300** CLEVELAND, OH 44114-2315

SVP-Corp.Controller/CAO

Signatures

/s/ Keirsten Riedel by Power of Attorney

06/16/2011

**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).
- Balance shown reflects 8 and 10 shares acquired March 1, 2011 and June 1, 2011, respectively, pursuant to the dividend reinvestment **(1)** feature of the Cliffs Natural Resources Inc. 2005 Voluntary Non-Qualified Deferred Compensation Plan ("VNQDC").
- (2) 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.

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