CLIFFS NATURAL RESOURCES INC.

securities beneficially owned directly or indirectly.

Form 5

January 04, 2011

January 04, 2	2011											
FORM	15								OMB AF	PROVAL		
UNITED STATES SECUR				RITIES AND EXCHANGE COMMISSION					OMB Number:	3235-0362		
no longer	no longer subject				.C. 2054	9			Expires:	January 31, 2005		
to Section 16. Form 4 or Form 5 obligations may continue. See Instruction ANNUAL STATEME OWNER				NT OF CH SHIP OF S				EFICIAL	Estimated average burden hours per response			
1(b).	Filed pure bldings Section 17(a	a) of the Pub	olic Ut		g Compa	ny A	Act of		ı			
MCALLISTER FRANCIS R Symbol								5. Relationship of Reporting Person(s) to Issuer				
INC. [C				S NATURAL RESOURCES CLF]				(Check all applicable)				
(Last)				nent for Issuer's Fiscal Year Ended Day/Year) 2010				_X_ Director 10% Owner Officer (give title below) Other (specify below)				
	TER MINING 7, 536 EAST PI											
				endment, Date Original nth/Day/Year)				6. Individual or Joint/Group Reporting				
								(check	(applicable line)			
COLUMBU	JS, MT 59019							_X_ Form Filed by O Form Filed by M Person				
(City)	(State)	(Zip)	Table	e I - Non-Deri	vative Sec	uritie	es Acqu	uired, Disposed of	, or Beneficial	ly Owned		
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	ate, if	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned at end of Issuer's	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)			
					Amount	(A) or (D)	Price	Fiscal Year (Instr. 3 and 4)	(111511. 7)	(1150. 7)		
Common Stock	Â	Â		Â	Â	Â	Â	9,880.3289 (1)	D	Â		
Reminder: Rep	oort on a separate line	for each class	of	Persons wh	o respon	d to	the co	ollection of infor	mation	SEC 2270		

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

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(9-02)

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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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exerc Expiration D (Month/Day/	Oate Underlying S		Securities	8. Price Derivat Securit (Instr. :
					(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Units	Â	Â	Â	Â	Â	(3)	(3)	Common Shares	0	Â

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

MCALLISTER FRANCIS R

STILLWATER MINING COMPANY 536 EAST PIKE AVENUE

COLUMBUS, MTÂ 59019

Signatures

Traci L. Forrester by Power of Attorney

01/04/2011

**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).

The Board of Directors of Cliffs Natural Resources Inc. (the "Company") declared dividends of \$.14 per share, payable to all holders of record as of May 21, August 13, and November 19, 2010 of common stock payable on June 1, September 1, and December 1, 2010,

- respectively. The amount shown reflects 10.7857, 10.9968, and 10.1208 shares credited to the Reporting Person pursuant to the Company's Dividend Reinvestment and Stock Purchase Plan on June 1, September 1 and December 1, 2010. The amount also reflects 15.0165, 10.2983 and 9.5066 deferred dividend reinvestment shares acquired from a dividend reinvestment feature derived from restricted shares pursuant to the Nonemployee Directors' Compensation Plan ("Plan").
- (2) Convertible into Common Shares on a 1-for-1 basis.
- (3) Reflects number of Common Shares of underlying deferred compensation credited to the account of the Reporting Person pursuant to 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 32.4150, 23.9867, and 19.6973 dividend reinvestment shares on June 30, September 30, and December 31, 2010, respectively.

Note: File three copies of this Form, one of which must be manually signed. If space provided is insufficient, see Instruction 6 for procedure.

Reporting Owners 2

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