FORM 4

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

OMB APPROVAL
OMB Number: 3235-0287
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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

	pe Kesponse											I				
1. Name and Address of Reporting Person * BALDWIN JOHN T				2. Issuer Name and Ticker or Trading Symbol CLIFFS NATURAL RESOURCES INC. [CLF]						5. Relationship of Reporting Person(s) to Issuer (Check all applicable) _X_ Director 10% Owner Officer (give title below) Other (specify below)						
(Last) (First) (Middle) 200 PUBLIC SQUARE, SUITE 3300				3. Date of Earliest Transaction (Month/Day/Year) 04/25/2017												
(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 44114-2315 (City) (State) (Zip)				Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned												
1.Title of Security (Instr. 3)		2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transaction Code (Instr. 8)		-			uired of (D)	5. Amour Beneficia Reported	nt of Securities ally Owned Following Transaction(s)		6. Ownership	7. Nature of Indirect Beneficial		
				(Month/Day/Year)			ode	V	Amou	(A) or (D)	Price	(Instr. 3 a	nd 4)		Direct (D) or Indirect (I) (Instr. 4)	Ownership (Instr. 4)
Common Shares 04/2		04/25/2017			1	A		13,83 (1)	1 A	\$ 0	81,991	31,991		D		
				Derivative Sec			quire	conta the fo	ined in orm dis	n this for splays a of, or Ben	rm ar curre eficia	e not requently valid	OMB conf	ormation spond unle trol numbe	ss	1474 (9-02)
1. Title of	12	3. Transaction	,	e.g., puts, calls		rrant 5.	s, op	r			1 -	itle and	& Drice of	9. Number	of 10.	11. Natur
	Conversion or Exercise Price of Derivative Security	Date	Execution Da Year) any	te, if Transaction Code ('ear) (Instr. 8)				6. Date Exercisable and Expiration Date (Month/Day/Year)		Am Und Sec	ount of derlying urities str. 3 and	Derivative Security (Instr. 5)		Owners Form of Derivati Security Direct (or Indire	hip of Indirect Beneficia Ownersh (Instr. 4)	
				Code	v	(A)	(D)	Date Exerc	cisable	Expiration Date	n Titl	Amount or e Number of Shares				

Reporting Owners

	Relationships					
Reporting Owner Name / Address	Director	10% Owner	Officer	Other		
BALDWIN JOHN T 200 PUBLIC SQUARE SUITE 3300 CLEVELAND, OH 44114-2315	X					

Signatures

/s/ James D. Graham by Power of Attorney	04/27/2017		
**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 the number of restricted shares granted to the Reporting Person as the 2017 Director Restricted Shares pursuant to the Amended and Restated 2014 Nonemployee Directors' Compensation Plan.

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.