FORM 4

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

OMB APPROVAL
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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

(Print or Ty	pe Response	s)														
1. Name and Address of Reporting Person* TOMPKINS P KELLY				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						
(Last) (First) (Middle) 200 PUBLIC SQUARE, SUITE 3300				3. Date of Earliest Transaction (Month/Day/Year) 11/11/2015							EVP & CFO)				
(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							
		1 44114-231														
(City	")	(State)	(Zip)		Ta	able I	- Non	-Deri	ivative S	Securities	s Acqu	ired, Disp	osed of, or l	Beneficially	Owned	
1.Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Year)		Execution Date, if Code		le	(A) or Disposed of (D) (Instr. 3, 4 and 5)			of	d 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)			Ownership Form: Be Direct (D) Ov	Beneficial Ownership			
					C	ode	V	Amour	(A) or (D)	Price				or Indirect (I) (Instr. 4)	(Instr. 4)	
Common Shares 11/11/2015		11/11/2015				F		3,548 (1)	D	\$ 3.24	218,776	776.685		D		
Common Shares 12/31/2015					F		4,013 (2)	D	\$ 1.58	214,763.685			D			
Reminder:	Report on a	separate line fo	r each class of secur	ities beneficia			1	Personta conta the fo	ons wh ained in orm dis	o respo n this fo splays a	rm ar curre	e not requently valid	OMB con	formation spond unle trol numbe	ss	1474 (9-02)
				e.g., puts, cal												
Security	2. Conversion or Exercise Price of Derivative Security	xercise (Month/Day/Yea e of ivative		tte, if Transaction Notes (Instr. 8) Instr. 8		Number and		and Expiration Date (Month/Day/Year)		Am Und Sec	Citle and count of derlying urities str. 3 and	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Owners Form of Derivati Security Direct (1 or Indire	Beneficia Ownersh (Instr. 4)	
				Code	V	(A)		Date Exerc		Expiratio Date	n Titl	Amount or e Number of Shares				

Reporting Owners

			Relationships						
Reporting Owner Name / Address		Director	10% Owner	Officer	Other				
200 SU	MPKINS P KELLY 0 PUBLIC SQUARE IITE 3300 EVELAND, OH 44114-2315			EVP & CFO					

Signatures

/s/ James D. Graham by Power of Attorney	01/05/2016

**Signature of Reporting Person	Date		
-Signature of Reporting Person			

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) Surrender of shares in payment of tax liability incurred on November 11, 2015, the date of restricted share units vesting to the Reporting Person.
- (2) Surrender of shares in payment of tax liability incurred on December 31, 2015, the date of restricted share units vesting in three equal annual installments to the Reporting Person granted on January 12, 2015.

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.