

FORM 5

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

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).

Form 3 Holdings Reported.

Form 4 Transactions Reported.

1. Name and Address of Reporting Person* Waterman Bruce Gordon			2. Issuer Name and Ticker or Trading Symbol ENCANA CORP [ECA]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner			
(Last)	(First)	(Middle)	3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2017			Officer (give title below) Other (specify below)			
500 CENTRE STREET SE			4. If Amendment, Date of Original Filed (Month/Day/Year)			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person			
(Street)	(City)	(State)	(Zip)				Form filed by More than One Reporting Person		
CALGARY	A0	T2P 2S5							

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 any (Month/Day/Year)	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 Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				Amount	(A) or (D)	Price			

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

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 Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
					(A)	(D)	Date Exercisable	Expiration Date						Title
Rights (Deferred Share Unit)	(1)	03/31/2017		A4	977		(1)	(1)	Common Shares	977	\$11.53 ⁽²⁾	108,916	D	
Rights (Deferred Share Unit)	(1)	06/30/2017		A4	1,756		(1)	(1)	Common Shares	1,756	\$8.78 ⁽³⁾	110,862	D	
Rights (Deferred Share Unit)	(1)	09/29/2017		A4	1,369		(1)	(1)	Common Shares	1,369	\$11.71 ⁽⁴⁾	112,370	D	
Rights (Deferred Share Unit)	(1)	12/29/2017		A4	1,194		(1)	(1)	Common Shares	1,194	\$13.02 ⁽⁵⁾	113,693	D	

Explanation of Responses:

1. Each Deferred Share Unit (each, a "DSU") is the economic equivalent of one common share of Encana Corporation, were granted in lieu of a cash retainer and attracts dividend equivalent DSUs. DSUs are held until termination of employment.

2. The DSUs were awarded at a price of CAD\$15.36 per DSU. The price has been converted to U.S. dollars using the Bank of Canada exchange rate on the transaction date.

3. The DSUs were awarded at a price of CAD\$11.39 per DSU. The price has been converted to U.S. dollars using the Bank of Canada exchange rate on the transaction date.

4. The DSUs were awarded at a price of CAD\$14.61 per DSU. The price has been converted to U.S. dollars using the Bank of Canada exchange rate on the transaction date.

5. The DSUs were awarded at a price of CAD\$16.75 per DSU. The price has been converted to U.S. dollars using the Bank of Canada exchange rate on the transaction date.

Remarks:

/s/ Dawna Gibb by Power of Attorney

02/14/2018

** Signature of Reporting Person

Date

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

* 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).

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.