

FORM 3

**UNITED STATES SECURITIES AND EXCHANGE
COMMISSION**

Washington, D.C. 20549

OMB APPROVAL

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**INITIAL STATEMENT OF 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

1. Name and Address of Reporting Person* Suttles Douglas James 0001540925	2. Date of Event Requiring Statement (Month/Day/Year) 01/01/2017	3. Issuer Name and Ticker or Trading Symbol ENCANA CORP [ECA]	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer Other (give title below) (specify below) President and CEO	5. If Amendment, Date of Original Filed (Month/Day/Year)
(Last) (First) (Middle) C/O 500 CENTRE STREET SE			
(Street) CALGARY A0 T2P2S5			
(City) (State) (Zip)			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person

Table I – Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Shares	69,212	D	

**Table II – Derivative Securities Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Options (Tandem Stock Appreciation)	(1)	03/03/2023	Common Shares	2,060,433	\$4.15⁽⁸⁾	D	
Options (Tandem Stock Appreciation)	(2)	03/13/2022	Common Shares	619,867	\$11.2⁽⁸⁾	D	
Options (Tandem Stock Appreciation)	(3)	02/18/2019	Common Shares	349,337	\$18.58⁽⁸⁾	D	
Options (Tandem Stock Appreciation)	(4)	06/13/2018	Common Shares	534,189	\$17.7⁽⁸⁾	D	
Options (Tandem Stock Appreciation)	(5)	06/13/2018	Common Shares	934,830	\$17.7⁽⁸⁾	D	
Rights (Restricted Share Units)	03/03/2019	(6)	Common Shares	488,535	\$4.15⁽⁸⁾	D	
Rights (Restricted Share Units)	03/13/2018	(6)	Common Shares	145,679	\$11.2⁽⁸⁾	D	
Rights (Restricted Share Units)	02/18/2017	(6)	Common Shares	78,119	\$18.58⁽⁸⁾	D	

Rights (Performance Share Units)	03/03/2019	(7)	Common Shares	977,078	\$4.15 ⁽⁸⁾	D	
Rights (Performance Share Units)	03/13/2018	(7)	Common Shares	291,360	\$11.2 ⁽⁸⁾	D	
Rights (Performance Share Units)	02/18/2017	(7)	Common Shares	156,239	\$18.58 ⁽⁸⁾	D	

Explanation of Responses:

- 1/3 will vest on March 3, 2017; 1/3 will vest on March 3, 2018; 1/3 will vest on March 3, 2019.
- 1/3 vested on March 13, 2016; 1/3 will vest on March 13, 2017; 1/3 will vest on March 13, 2018.
- 1/3 vested on February 18, 2015; 1/3 vested on February 18, 2016; 1/3 will vest on February 18, 2017.
- 1/3 vested on June 13, 2014; 1/3 vested on June 13, 2015; 1/3 vested on June 13, 2016.
- Tandem Stock Appreciation Rights are subject to achievement of performance criteria on the vesting date.
- Each Restricted Share Unit (each, a "RSU") is the economic equivalent of one common share of Encana Corporation. RSUs are subject to the officer's active employment on the vesting date.
- Each Performance Share Unit (each, a "PSU") is the economic equivalent of one common share of Encana Corporation. PSUs are subject to achievement of performance criteria on the vesting date.
- Grants were issued in Canadian dollars. The price has been converted to US dollars using the Bank of Canada exchange rate on the grant date.

Remarks:

/s/Dawna Gibb by Power of Attorney

01/03/2017

** 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 5(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.

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