

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* <b>Suttles Douglas James 0001540925</b>  (Last) (First) (Middle) <b>C/O 500 CENTRE STREET SE</b>  (Street) <b>CALGARY A0 T2P2S5</b>  (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <b>01/01/2017</b>	3. Issuer Name and Ticker or Trading Symbol <b>ENCANA CORP [ ECA ]</b>	
		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)  <b>President and CEO</b>	5. If Amendment, Date of Original Filed (Month/Day/Year)  6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person <input checked="" 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)
<b>Common Shares</b>	<b>69,212</b>	<b>D</b>	

**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			
<b>Options (Tandem Stock Appreciation)</b>	<b>(1)</b>	<b>03/03/2023</b>	<b>Common Shares</b>	<b>2,060,433</b>	<b>\$4.15<sup>(8)</sup></b>	<b>D</b>	
<b>Options (Tandem Stock Appreciation)</b>	<b>(2)</b>	<b>03/13/2022</b>	<b>Common Shares</b>	<b>619,867</b>	<b>\$11.2<sup>(8)</sup></b>	<b>D</b>	
<b>Options (Tandem Stock Appreciation)</b>	<b>(3)</b>	<b>02/18/2019</b>	<b>Common Shares</b>	<b>349,337</b>	<b>\$18.58<sup>(8)</sup></b>	<b>D</b>	
<b>Options (Tandem Stock Appreciation)</b>	<b>(4)</b>	<b>06/13/2018</b>	<b>Common Shares</b>	<b>534,189</b>	<b>\$17.7<sup>(8)</sup></b>	<b>D</b>	
<b>Options (Tandem Stock Appreciation)</b>	<b>(5)</b>	<b>06/13/2018</b>	<b>Common Shares</b>	<b>934,830</b>	<b>\$17.7<sup>(8)</sup></b>	<b>D</b>	
<b>Rights (Restricted Share Units)</b>	<b>03/03/2019</b>	<b>(6)</b>	<b>Common Shares</b>	<b>488,535</b>	<b>\$4.15<sup>(8)</sup></b>	<b>D</b>	
<b>Rights (Restricted Share Units)</b>	<b>03/13/2018</b>	<b>(6)</b>	<b>Common Shares</b>	<b>145,679</b>	<b>\$11.2<sup>(8)</sup></b>	<b>D</b>	
<b>Rights (Restricted Share Units)</b>	<b>02/18/2017</b>	<b>(6)</b>	<b>Common Shares</b>	<b>78,119</b>	<b>\$18.58<sup>(8)</sup></b>	<b>D</b>	

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