

**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**

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*<br><b>Brillon Sherri Anne</b><br><br>(Last) (First) (Middle)<br><br><b>500 CENTRE STREET SE</b><br><br>(Street)<br><br><b>CALGARY A0 T2P 2S5</b><br><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><b>ENCANA CORP [ ECA ]</b> | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><br>Director 10% Owner<br><br><input checked="" type="checkbox"/> Officer (give title below) Other (specify below)<br><br><b>EVP and CFO</b> |
|   | 3. Date of Earliest Transaction (Month/Day/Year)<br><b>02/21/2017</b>     |  |
| 4. If Amendment, Date of Original Filed (Month/Day/Year)  |   |  |

| 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 Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|  |                                      |  | Code                           | V | Amount  | (A) or (D) |   |  |   |

| 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   | Amount or Number of Shares |  |  |   |  |
| Rights (Deferred Share Units)  | (1)  | 02/21/2017                           |  | A                              |  | 12,012.09 (2) | (1)  | (1)             | Common Stock  | 12,012.09                  | \$11.85 (3)                                | 12,012.09  | D   |  |

**Explanation of Responses:**

- Each Deferred Share Unit (each, a "DSU") is the economic equivalent of one common share of Encana Corporation. DSUs are held until termination of employment.
- DSUs granted on February 21, 2017, DSU Grant for reporting insiders who elected in 2016 to participate in Encana's DSU Plan for employees.
- DSU grant was issued in Canadian dollars. The price has been converted to U.S. dollars using the Bank of Canada exchange rate.

**Remarks:**

/s/ Dawna Gibb by Power of Attorney

\*\* Signature of Reporting Person

02/22/2017

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.