

ENCANA CORP  
Form 6-K  
April 26, 2010

**U.S. SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**  
**FORM 6-K**  
**Report of Foreign Private Issuer**  
**Pursuant to Rule 13a-16 or 15d-16 under the Securities Exchange Act of 1934**

**For the quarterly period ended March 31, 2010**

**Commission File Number: 1-15226**

**ENCANA CORPORATION**  
(Translation of registrant's name into English)  
1800, 855 4<sup>th</sup> Street SW  
Calgary, Alberta, Canada T2P 2S5  
(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:  
Form 20-F  Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Exhibits 99.1 and 99.2 to this report, furnished on Form 6-K, shall be incorporated by reference into or as an exhibit to, as applicable, each of the registrant's Registration Statements under the Securities Act of 1933: Form F-3 (File No. 333-150453), Form S-8 (File Nos. 333-124218, 333-13956 and 333-140856) and Form F-9 (File No. 333-165626).

---

**DOCUMENTS FILED AS PART OF THIS FORM 6-K**

See the Exhibit Index to this Form 6-K.

**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: April 23, 2010

ENCANA CORPORATION  
(Registrant)

By: */s/ Patricia M. Orr*  
Name: Patricia M. Orr  
Title: Assistant Corporate Secretary

---

Form 6-K Exhibit Index

Exhibit No.	<i>The following documents have been filed with Canadian securities commissions:</i>
99.1	Unaudited Interim Consolidated Financial Statements for the period ended March 31, 2010.
99.2	Management's Discussion and Analysis dated April 20, 2010 relating to the period ended March 31, 2010.
99.3	Covering letter dated April 23, 2010 regarding Financial Ratios.
99.4	Supplemental Financial Information (Unaudited) Exhibit to March 31, 2010 Consolidated Financial Statements <i>Consolidated Financial Ratios Medium Term Notes &amp; Debt Securities</i>
99.5	Certificate, dated April 23, 2010, of Randall K. Eresman, President & Chief Executive Officer, regarding the <i>Certification of Interim Filings</i> pursuant to Form 52-109F2.
99.6	Certificate, dated April 23, 2010, of Sherri A. Brillon, Executive Vice-President & Chief Financial Officer, regarding the <i>Certification of Interim Filings</i> pursuant to Form 52-109F2.
99.7	Certificate, dated April 23, 2010, of William A. Stevenson, Executive Vice-President & Chief Accounting Officer, regarding the <i>Certification of Interim Filings</i> pursuant to Form 52-109F2.