ENCANA CORP Form 6-K February 12, 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: February 11, 2010

Commission File Number: 1-15226

ENCANA CORPORATION

(Translation of registrant s name into English) 1800, 855 ⊉ 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 o Form 40-F b

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): o

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): o

Indicate by check mark whether by furnishing the information contained in this Form, the registrant is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934:

Yes o No þ

If Yes is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82-_____

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: February 11, 2010

ENCANA CORPORATION (Registrant)

By: /s/ Linda H. Mackid Name: Linda H. Mackid Title: Assistant Corporate Secretary

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Form 6-K Exhibit Index

Exhibit No.

99.1 Notice of Annual and Special Meeting of Shareholders and Notice of Record Date