BAYTEX ENERGY CORP. Form 6-K May 24, 2012

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# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, DC 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 month of May 2012

Commission File Number: 1-32754

#### **BAYTEX ENERGY CORP.**

(Exact name of registrant as specified in its charter)

2800, 520 - 3<sup>rd</sup> AVENUE S.W. CALGARY, ALBERTA, CANADA T2P 0R3

(Address of principal executive office)

Form 20-F o	Form 40-F ý
Indicate by check mark if the registrant is submitting the Form 6-K in p	aper 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 p	aper as permitted by Regulation S-T Rule 101(b)(7): o
Indicate by check mark whether the registrant by furnishing the informathe Commission pursuant to Rule 12g3-2(b) under the Securities Exchange	•
Yes o	No ý

Yes o

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

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

The following document attached is an exhibit hereto and incorporated by reference herein:

Exhibit No. Document

99.1 First Quarter Report 2012

#### **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.

## **BAYTEX ENERGY CORP.** /s/ MURRAY J. DESROSIERS

Name: Murray J. Desrosiers

Title: Vice President, General Counsel and Corporate

Secretary

Dated: May 24, 2012

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**SIGNATURES**