BAYTEX ENERGY CORP. Form 6-K May 16, 2016

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UNITED STATES 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 month of May 2016

Commission File Number: 1-32754

BAYTEX ENERGY CORP.

(Exact name of registrant as specified in its charter)

2800, 520 F AVENUE S.W. CALGARY, ALBERTA, CANADA T2P 0R3

(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual	reports under cover Form 20-F or Form 40-F.
Form 20-F o	Form 40-F ý
Indicate by check mark if the registrant is submitting the Form 6-K ir	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	n paper as permitted by Regulation S-T Rule 101(b)(7): o
Indicate by check mark whether the registrant by furnishing the information the Commission pursuant to Rule 12g3-2(b) under the Securities Exc	mation contained in this Form is also thereby furnishing the information to hange Act of 1934.
Yes o	No ý
If "Yes" is marked, indicate below the file number assigned to the reg	gistrant in connection with Rule 12g3-2(b):

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

Exhibit No. Docu 99.1 First Quarter Report 2016 **Document**

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 16, 2016

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SIGNATURES