

BAYTEX ENERGY CORP.  
Form 6-K  
May 11, 2015

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 2015

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)

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

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):

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

Yes

No

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

The following documents attached as exhibits hereto are incorporated by reference herein:

| Exhibit No. | Document  |
|-------------|---|
| 99.1        | Press Release dated May 11, 2015 (Baytex to Webcast Annual Meeting of Shareholders) |

#### 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 11, 2015