

BAYTEX ENERGY CORP.  
Form 6-K  
July 22, 2011

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 of  
the Securities Exchange Act of 1934

For the month of July 2011

BAYTEX ENERGY CORP.  
(Translation of registrant's name into English)

2800, 520 – 3rd 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 | <input type="checkbox"/> | Form 40-F | <input type="checkbox"/> |
|-----------|--------------------------|-----------|--------------------------|

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 | <input type="checkbox"/> | No | <input type="checkbox"/> |
|-----|--------------------------|----|--------------------------|

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

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

| Exhibit No. | Document                                                  |
|-------------|-----------------------------------------------------------|
| 99.1        | Amended and Restated Credit Agreement dated June 14, 2011 |

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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. (Registrant)

By: /s/ Anthony W. Marino  
Name: Anthony W. Marino  
Title: President & Chief Executive Officer

Dated: July 22, 2011

