

BAYTEX ENERGY TRUST  
Form 6-K  
August 17, 2010

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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 August 2010

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

2800, 520 – 3RD AVENUE S.W.  
CALGARY, ALBERTA, CANADA  
T2P 0R3  
(Address of principal executive offices)

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 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 No

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 Press Release attached as an exhibit hereto is incorporated by reference herein.

EXHIBIT LIST

Exhibit	Description
99.1	Baytex Energy Trust Second Quarter Report 2010

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 TRUST  
(Registrant)

By: Baytex Energy Ltd.

Date: August 17, 2010

By: /s/ W. Derek Aylesworth  
Name: W. Derek Aylesworth  
Title: Chief Financial Officer