#### FORM 6-K

# SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Report of Foreign Issuer pursuant to Rule 13-a-16 or 15d-16 of the Securities Exchange Act of 1934

FOR THE MONTH OF OCTOBER, 2010

COMMISSION FILE NUMBER 1-15150

The Dome Tower
Suite 3000, 333 – 7th Avenue S.W.
Calgary, Alberta
Canada T2P 2Z1

(403) 298-2200

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 x

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)

Yes o No x

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)

Yes o No x

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 o No x

## Edgar Filing: ENERPLUS RESOURCES FUND - Form 6-K

## EXHIBIT INDEX

## **EXHIBIT**

99.1 Material Change Report

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#### **SIGNATURE**

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.

## ENERPLUS RESOURCES FUND

By EnerMark Inc.

BY: /s/ David A. McCoy

David A. McCoy

Vice President, General Counsel & Corporate Secretary

DATE: October 1, 2010