

ENERPLUS RESOURCES FUND

Form 6-K

March 12, 2010

## **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 March, 2010**

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**COMMISSION FILE NUMBER 1-15150**

**The Dome Tower**

**Suite 3000, 333 7th Avenue S.W.**

**Calgary, Alberta**

**Canada T2P 2Z1**

**(403) 298-2200**

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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)

Yes  No

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  No

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

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**EXHIBIT INDEX**

EXHIBIT 99.1 News Release dated March 12, 2010 Enerplus files 2009 Annual Report and Oil and Gas Reserves and Operational Information.

**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: March 12, 2010**