

ENERPLUS RESOURCES FUND  
Form 6-K  
March 31, 2005

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**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 31, 2005**

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**COMMISSION FILE NUMBER 1-15150**

**The Dome Tower  
Suite 3000, 333 – 7<sup>th</sup> 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 1 ENERPLUS RESOURCES CASH DISTRIBUTION AMOUNT FOR APRIL 2005

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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: */s/*

Amanda Gregov

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Amanda Gregov

Investor Relations Coordinator

**DATE: March 31, 2005**