UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
FORM 8-K
CURRENT REPORT
Pursuant to Section 13 OR 15(d) of The Securities Exchange Act of 1934
Date of Report (Date of earliest event reported): March 29, 2005
SPINNAKER EXPLORATION COMPANY
(Exact name of registrant as specified in its charter)
Delaware
(State or other jurisdiction of incorporation)

001-16009 (Commission File Number) 76-0560101 (IRS Employer Identification No.)

1200 Smith Street, Suite 800

Houston, Texas 77002

(Address of principal executive offices)

(Zip Code)

Registrant s telephone number, including area code: (713) 759-1770

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- " Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- " Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- " Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- " Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

#### Item 1.01 Entry into a Material Definitive Agreement.

In connection with the regularly scheduled semi-annual redetermination of the borrowing base, the banks increased the borrowing base under the \$200.0 million credit agreement (Revolver) from \$140.0 million to \$160.0 million based on our December 31, 2004 reserve report prepared by Ryder Scott Company, L.P. As a result of the increase to the borrowing base, current availability under the \$50.0 million Tranche B is \$40.0 million. Total availability under the Revolver is currently \$200.0 million. As of March 29, 2005, we had outstanding borrowings of \$105.0 million. On March 29, 2005, Spinnaker Exploration Company s wholly-owned subsidiary, Spinnaker Exploration Company, L.L.C., entered into a second amendment to the Revolver. Among other provisions, the amendment extended the Tranche B termination date to October 31, 2005, unless sooner terminated in accordance with the Revolver.

#### Item 9.01 Financial Statements and Exhibits.

c. Exhibits

99.1 Second Amendment to Credit Agreement dated as of March 29, 2005

### **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 hereunto duly authorized.

### SPINNAKER EXPLORATION COMPANY

Date: April 1, 2005 By: /s/ JEFFREY C. ZARUBA

Name: Jeffrey C. Zaruba

Title: Vice President, Treasurer and

**Assistant Secretary** 

## EXHIBIT INDEX

Exhibit No.	Description
99.1	Second Amendment to Credit Agreement dated as of March 29, 2005