

Rosetta Resources Inc.  
Form 8-K  
May 10, 2010

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: May 7, 2010  
(Date of earliest event reported)

Rosetta Resources Inc.  
(Exact name of registrant as specified in its charter)

DE (State or other jurisdiction of incorporation)	000-51801 (Commission File Number)	43-2083519 (IRS Employer Identification Number)
717 Texas, Suite 2800 Houston, TX (Address of principal executive offices)		77002 (Zip Code)

713-335-4000  
(Registrant's telephone number, including area code)

Not Applicable  
(Former Name or Former Address, if changed since last report)

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:

- 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 2.02. Results of Operations and Financial Condition

On May 7, 2010, Rosetta Resources Inc. issued a press release with respect to its first quarter 2010 financial results. A conference call and live internet broadcast discussing these results is scheduled for Monday, May 10, 2010 at 10:00 a.m. Central Time, 11:00 a.m. Eastern Time.

The press release is furnished as Exhibit 99.1 to this Current Report. Exhibit 99.1 shall not be deemed to be "filed" for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended, and will not be incorporated by reference into any registration statement filed under the Securities Act of 1933, as amended, unless specifically identified therein as being incorporated therein by reference.

Item Financial Statements and Exhibits  
9.01.

(a) Financial statements:

None

(b) Pro forma financial information:

None

(c) Shell company transactions:

None

(d) Exhibits

Exhibits.

The Registrant includes a copy of the press release dated May 7, 2010 as Exhibit 99.1.

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.

Dated: May 7, 2010

ROSETTA RESOURCES INC.

By:

/s/ Ellen R. DeSanctis  
Ellen R. DeSanctis  
Executive Vice President,  
Strategy and Development

EXHIBIT INDEX

Exhibit No.

Description

99.1

Press Release of Rosetta Resources Inc. dated May 7, 2010.

