CIMAREX ENERGY CO Form 8-K April 27, 2010

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities and Exchange Act of 1934.

April 27, 2010 Date of Report

CIMAREX ENERGY CO.

(Exact name of registrant as specified in its charter)

Delaware 001-31446 45-0466694 (State or other jurisdiction (Commission File Number) (I.R.S. Employer of incorporation) Identification No.)

1700 Lincoln Street, Suite 1800, Denver, Colorado (Address of principal executive offices)

Registrant's telephone number, including area code 303-295-3995

(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:

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

80203-4518

(Zip Code)

ITEM REGULATION FD DISCLOSURE

7.01

On April 27, 2010, Cimarex Energy Co. (NYSE: XEC) issued a press release. A copy of the news release is furnished as Exhibit 99.1 to this report.

ITEM FINANCIAL STATEMENTS AND EXHIBITS

9.01

(d) Exhibits

Exhibit No.

Description

99.1 Press Release is furnished pursuant to Item 7.01.

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.

CIMAREX ENERGY CO.

Dated: April 27, 2010 By:/s/ Thomas A. Richardson

Thomas A. Richardson, Vice President and

General Counsel

EXHIBIT INDEX

Exhibit No. Description

99.1 Press Release