

CREDO PETROLEUM CORP

Form 8-K

August 17, 2005

**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): August 17,  
2005  
(August 16,  
2005)**

**CREDO Petroleum Corporation**

(Exact name of registrant as specified in its charter)

Colorado

0-8877

84-0772991

(State or other jurisdiction  
of incorporation)

(Commission  
File Number)

(IRS Employer  
Identification No.)

1801 Broadway, Suite 900

Denver, Colorado

80202

(Address of principal executive offices)

(Zip Code)

Registrant's telephone number, including area code: (303) 297-2200

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))
  - o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 8.01 Other Events

On August 16, 2005, CREDO Petroleum Corporation updated drilling and Calliope Gas Recovery System activities. A copy of the press release is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits

(c) Exhibits

99.1 Press Release

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.

CREDO PETROLEUM CORPORATION  
(Registrant)

Date: August 17, 2005

By: /s/ David W. Vreeman  
David W. Vreeman  
Vice President and Chief Financial  
Officer  
(Principal Financial and Accounting  
Officer)

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**INDEX TO EXHIBITS**

Exhibit Number		Description
99.1	Press Release	