

CREDO PETROLEUM CORP

Form 8-K

September 18, 2006

**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): September 14, 2006 (September 18, 2006)

**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))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 2.02 Results of Operations and Financial Condition

On September 14, 2006, the Company reported 31% increase in first nine months earnings, 6% decline in third quarter earnings, with both nine-month and third quarter production volumes at all time highs. 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: September 18, 2006

By: /s/ Alford B. Neely

Alford B. Neely

Manager of Regulatory Compliance

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**EXHIBIT INDEX**

Exhibit No.	Description
99.1	Press Release