

CREDO PETROLEUM CORP  
 Form 3  
 April 08, 2011

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
 Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

|   |         |                                      |  |  |
|---|---------|--------------------------------------|--|--|
| 1. Name and Address of Reporting Person * |         | 2. Date of Event Requiring Statement | 3. Issuer Name <b>and</b> Ticker or Trading Symbol                               |  |
| RCH Energy SSI Fund, L.P.                 |         | (Month/Day/Year)                     | CREDO PETROLEUM CORP [CRED]  |  |
| (Last)                                    | (First) | (Middle)                             | 04/01/2011   |  |
| 3953 MAPLE AVENUE, SUITE 180              |         |                                      | 4. Relationship of Reporting Person(s) to Issuer                                 | 5. If Amendment, Date Original Filed(Month/Day/Year) |
| (Street)                                  |         |                                      | (Check all applicable)   |  |
| DALLAS, TX 75219                          |         |                                      | <input type="checkbox"/> Director  | <input checked="" type="checkbox"/> 10% Owner        |
| (City)                                    | (State) | (Zip)                                | <input type="checkbox"/> Officer   | <input type="checkbox"/> Other                       |
|   |         |                                      | (give title below)   | (specify below)                                      |
|   |         |                                      | 6. Individual or Joint/Group Filing(Check Applicable Line)                       |  |
|   |         |                                      | <input type="checkbox"/> Form filed by One Reporting Person                      |  |
|   |         |                                      | <input checked="" type="checkbox"/> Form filed by More than One Reporting Person |  |

**Table I - Non-Derivative Securities Beneficially Owned**

| 1. Title of Security<br>(Instr. 4) | 2. Amount of Securities Beneficially Owned<br>(Instr. 4) | 3. Ownership Form:<br>Direct (D)<br>or Indirect (I)<br>(Instr. 5) | 4. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|------------------------------------|--|---|--|
| Common Stock                       | 1,150,000 <sup>(1)</sup>                                 | D   | ^  |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

| 1. Title of Derivative Security<br>(Instr. 4) | 2. Date Exercisable and Expiration Date<br>(Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security<br>(Instr. 4)<br><br>Title | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form of Derivative Security:<br>Direct (D) | 6. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|---|---|---|--|---|--|
|---|---|---|--|---|--|

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|             |            |           |             |
|-------------|------------|-----------|-------------|
| Date        | Expiration | Amount or | or Indirect |
| Exercisable | Date       | Number of | (I)         |
|             |            | Shares    | (Instr. 5)  |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |         |       |
|---|---------------|-----------|---------|-------|
|   | Director      | 10% Owner | Officer | Other |
| RCH Energy SSI Fund, L.P.<br>3953 MAPLE AVENUE, SUITE 180<br>DALLAS, TX 75219 | Â             | Â X       | Â       | Â     |
| RCH Energy SSI GP, L.P.<br>3953 MAPLE AVENUE, SUITE 180<br>DALLAS, TX 75219   | Â             | Â X       | Â       | Â     |

## Signatures

RCH ENERGY SSI FUND, L.P. By: RCH Energy SSI GP, L.P., its general partner By: RR Advisors, LLC, its general partner By: /s/ Robert J. Raymond Sole Member 04/07/2011

\_\_Signature of Reporting Person Date

RCH ENERGY SSI GP, L.P. By: RR Advisors, LLC, its general partner By: /s/ Robert J. Raymond Sole Member 04/07/2011

\_\_Signature of Reporting Person Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(b)(v).
  - \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- RCH Energy SSI Fund, L.P. ("RCH SSI Fund") directly beneficially owns all of the securities identified herein. RCH Energy SSI GP, L.P. ("RCH SSI GP") may be deemed to indirectly beneficially own such securities because RCH SSI GP is the general partner of RCH SSI Fund. RCH SSI Fund and RCH SSI GP may be deemed to constitute a Section 13(d) group with respect to the issuer with Robert J. Raymond, RR Advisors, LLC, RCH Energy Opportunity Fund III, L.P. and RCH Energy Opportunity Fund III GP, L.P. Each member of such group disclaims beneficial ownership of such securities except to the extent of their respective pecuniary interests therein, and nothing in this report shall be deemed an admission of beneficial ownership of such securities for purposes of Section 16 or for any other purpose.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.