

Complete Production Services, Inc.

Form SC 13G

February 14, 2007

OMB APPROVAL
OMB Number: 3235-0145
Expires: February 28, 2009
Estimated average burden
hours per response...10.4

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

Complete Production Services, Inc.
(Name of the Issuer)
Common Stock, par value \$.01 per share
(Title of Class of Securities)
20453E-10-9
(CUSIP Number)
February 14, 2007
(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
- Rule 13d-1(c)
- Rule 13d-1(d)

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 (Act) or otherwise subject to the liabilities of that Section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 20453E-10-9

NAMES OF REPORTING PERSONS:

1

SCF-IV, L.P.

I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY):

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS):

2

(a)

(b)

SEC USE ONLY:

3

CITIZENSHIP OR PLACE OF ORGANIZATION:

4

Delaware

SOLE VOTING POWER:

5

NUMBER OF 0

SHARED VOTING POWER:

SHARES BENEFICIALLY 6

OWNED BY 24,896,756

SOLE DISPOSITIVE POWER:

EACH REPORTING 7

PERSON 0

SHARED DISPOSITIVE POWER:

WITH: 8

24,896,756

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:

9

24,896,756

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS):

o

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9):

35.2%

12 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS):

PN

CUSIP No. 20453E-10-9

1 NAMES OF REPORTING PERSONS:

SCF-IV, G.P., Limited Partnership

I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY):

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS):

(a)

(b)

3 SEC USE ONLY:

4 CITIZENSHIP OR PLACE OF ORGANIZATION:

Delaware

5 SOLE VOTING POWER:

NUMBER OF 0

6 SHARED VOTING POWER:

SHARES BENEFICIALLY OWNED BY 24,896,756

7 SOLE DISPOSITIVE POWER:

EACH REPORTING PERSON 0

8 SHARED DISPOSITIVE POWER:

WITH: 24,896,756

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:

24,896,756

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS):

o

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9):

35.2%

12 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS):

PN

CUSIP No. 20453E-10-9

NAMES OF REPORTING PERSONS:

1

SCF-VI, L.P.

I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY):

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS):

2

(a)

(b)

SEC USE ONLY:

3

CITIZENSHIP OR PLACE OF ORGANIZATION:

4

Delaware

SOLE VOTING POWER:

5

NUMBER OF 0

SHARED VOTING POWER:

SHARES BENEFICIALLY OWNED BY 6

681,432

SOLE DISPOSITIVE POWER:

EACH REPORTING PERSON 7

0

SHARED DISPOSITIVE POWER:

WITH: 8

681,432

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:

9

681,432

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS):

o

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9):

1.0%

12 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS):

PN

CUSIP No. 20453E-10-9

1 NAMES OF REPORTING PERSONS:

SCF-VI, G.P., Limited Partnership

I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY):

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS):

(a)

(b)

3 SEC USE ONLY:

4 CITIZENSHIP OR PLACE OF ORGANIZATION:

Delaware

5 SOLE VOTING POWER:

NUMBER OF 0

6 SHARED VOTING POWER:

SHARES BENEFICIALLY OWNED BY 681,432

7 SOLE DISPOSITIVE POWER:

EACH REPORTING PERSON 0

8 SHARED DISPOSITIVE POWER:

WITH: 681,432

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:

681,432

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS):

o

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9):

1.0%

12 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS):

PN

CUSIP No. 20453E-10-9

NAMES OF REPORTING PERSONS:

1

L.E. Simmons & Associates, Incorporated

I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY):

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS):

2

(a)

(b)

SEC USE ONLY:

3

CITIZENSHIP OR PLACE OF ORGANIZATION:

4

Delaware

SOLE VOTING POWER:

5

NUMBER OF 0

SHARED VOTING POWER:

SHARES BENEFICIALLY OWNED BY 6

25,578,188

SOLE DISPOSITIVE POWER:

EACH REPORTING PERSON 7

0

SHARED DISPOSITIVE POWER:

WITH: 8

25,578,188

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:

9

25,578,188

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS):

o

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9):

36.2%

12 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS):

CO

CUSIP No. 20453E-10-9

NAMES OF REPORTING PERSONS:

1

L.E. Simmons

I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY):

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS):

2

(a)

(b)

SEC USE ONLY:

3

CITIZENSHIP OR PLACE OF ORGANIZATION:

4

United States

SOLE VOTING POWER:

5

NUMBER OF 0

SHARED VOTING POWER:

SHARES BENEFICIALLY OWNED BY 6

25,578,188

SOLE DISPOSITIVE POWER:

EACH REPORTING PERSON 7

0

SHARED DISPOSITIVE POWER:

WITH: 8

25,578,188

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:

9

25,578,188

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS):

o

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9):

36.2%

12 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS):

IN

Item 1.

- (a) Name of Issuer: Complete Production Services, Inc.
- (b) Address of Issuer's Principal Executive Offices: 11700 Old Katy Road, Suite 300
Houston, Texas 77079

Item 2.

- (a) This Schedule is filed by: (i) L.E. Simmons, with respect to the shares of Common Stock directly owned by SCF-IV, L.P. and SCF-VI, L.P.; (ii) L.E. Simmons & Associates, Incorporated, with respect to the shares of Common Stock directly owned by SCF-IV, L.P. and SCF-VI, L.P.; (iii) SCF-IV, L.P., with respect to the shares of Common Stock directly owned by it; (iv) SCF-IV, G.P., Limited Partnership, with respect to the shares of Common Stock directly owned by SCF-IV, L.P.; (v) SCF-VI, L.P., with respect to the shares of Common Stock directly owned by it; and (vi) SCF-VI, G.P., Limited Partnership, with respect to the shares of Common Stock directly owned by SCF-VI, L.P.
- (b) The address of the principal business office of the parties referred to in paragraph (a) of this Item 2 is 600 Travis, Suite 6600, Houston, Texas 77002.
- (c) L.E. Simmons is a United States citizen. L.E. Simmons & Associates, Incorporated is a corporation organized under the laws of the State of Delaware. SCF-IV, L.P., SCF-IV, G.P., Limited Partnership, SCF-VI, L.P., and SCF-VI, G.P., Limited Partnership are limited partnerships organized under the laws of the State of Delaware.
- (d) Title of Class of Securities: Common Stock
- (e) CUSIP Number: 20453E-10-9

Item 3. If this statement is filed pursuant to §240.13d-1(b) or §240.13d-2(b) or (c), check whether the person filing is a:

- (a) Broker or dealer registered under Section 15 of the Act.
- (b) Bank as defined in section 3(a)(6) of the Act.
- (c) Insurance company as defined in section 3(a)(19) of the Act.
- (d) Investment company registered under section 8 of the Investment Company Act of 1940.
- (e) An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E).
- (f) An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F).
- (g) A parent holding company or control person in accordance with §240.13d-1(b)(ii)(G).
- (h) A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act.
- (i) A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940.
- (j) Group, in accordance with §240.13d-1(b)(1)(ii)(J).

Item 4. Ownership

A. SCF-IV, L.P.

- (a) Amount Beneficially Owned: 24,896,756
- (b) Percent of Class: 35.2%¹

- (c) Number of shares as to which the person has:
 - (i) sole power to vote or to direct the vote: 0

8

(ii) shared power to vote or to direct the vote: 24,896,756

(iii) sole power to dispose or to direct the disposition of: 0

(iv) shared power to dispose or to direct the disposition of: 24,896,756

B. SCF-IV, G.P., Limited Partnership²

(a) Amount Beneficially Owned: 24,896,756

(b) Percent of Class: 35.2%¹

(c) Number of shares as to which the person has:

(i) sole power to vote or to direct the vote: 0

(ii) shared power to vote or to direct the vote: 24,896,756

(iii) sole power to dispose or to direct the disposition of: 0

(iv) shared power to dispose or to direct the disposition of: 24,896,756

C. SCF-VI, L.P.

(a) Amount Beneficially Owned: 681,432

(b) Percent of Class: 1.0%¹

(c) Number of shares as to which the person has:

(i) sole power to vote or to direct the vote: 0

(ii) shared power to vote or to direct the vote: 681,432

(iii) sole power to dispose or to direct the disposition of: 0

(iv) shared power to dispose or to direct the disposition of: 681,432

D. SCF-VI, G.P., Limited Partnership³

(a) Amount Beneficially Owned: 681,432

(b) Percent of Class: 1.0%¹

(c) Number of shares as to which the person has:

(i) sole power to vote or to direct the vote: 0

(ii) shared power to vote or to direct the vote: 681,432

(iii) sole power to dispose or to direct the disposition of: 0

(iv) shared power to dispose or to direct the disposition of: 681,432

E. L.E. Simmons & Associates, Incorporated⁴

- (a) Amount Beneficially Owned: 25,578,188
- (b) Percent of Class: 36.2%¹
- (c) Number of shares as to which the person has:
 - (i) sole power to vote or to direct the vote: 0
 - (ii) shared power to vote or to direct the vote: 25,578,188
 - (iii) sole power to dispose or to direct the disposition of: 0
 - (iv) shared power to dispose or to direct the disposition of: 25,578,188

F. L.E. Simmons⁵

- (a) Amount Beneficially Owned: 25,578,188
- (b) Percent of Class: 36.2%¹
- (c) Number of shares as to which the person has:
 - (i) sole power to vote or to direct the vote: 0
 - (ii) shared power to vote or to direct the vote: 25,578,188
 - (iii) sole power to dispose or to direct the disposition of: 0
 - (iv) shared power to dispose or to direct the disposition of: 25,578,188

1. For purposes of calculating the percentage ownership of the class of Common Stock, the number of shares outstanding of the Issuer's Common Stock is 70,658,738 as of November 1, 2006.

2. Includes 24,896,756 shares of Common Stock owned directly by SCF-IV, L.P. SCF-IV, G.P., Limited Partnership is the general partner of SCF-IV, L.P. and has the power to direct the affairs of SCF-IV, L.P., including decisions respecting the voting and disposition of the shares of Common Stock of Complete Production Services, Inc. held by SCF-IV, L.P.

3. Includes 681,432 shares of Common Stock owned directly by SCF-VI, L.P. SCF-VI, G.P., Limited Partnership is the general partner of SCF-VI, L.P. and has the power to direct the affairs of SCF-VI, L.P., including decisions respecting the voting and disposition of the shares of Common Stock of Complete Production Services, Inc. held by SCF-VI, L.P.

4. Includes 24,896,756 shares of Common Stock owned directly by SCF-IV, L.P. and 681,432 shares of Common Stock owned directly by SCF-VI, L.P. L.E. Simmons & Associates, Incorporated, the general partner of SCF-IV, G.P., Limited Partnership and SCF-VI, G.P., Limited Partnership, has the power to direct the affairs of such partnerships, including decisions respecting the voting and disposition of the shares of Common Stock of Complete Production Services, Inc. held by SCF-IV, L.P. and SCF-VI, L.P.

5. Includes 24,896,756 shares of Common Stock owned directly by SCF-IV, L.P. and 681,432 shares of Common Stock owned directly by SCF-VI, L.P. L.E. Simmons is the President and sole stockholder of L.E. Simmons & Associates, Incorporated and in that capacity may be deemed to beneficially own all of the securities of Complete Production Services, Inc. beneficially owned by L.E. Simmons & Associates, Incorporated.

Item 5. Ownership of Five Percent or Less of a Class

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: []

Item 6. Ownership of More than Five Percent on Behalf of Another Person

Not applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company

Not applicable.

Item 8. Identification and Classification of Members of the Group

Not applicable.

Item 9. Notice of Dissolution of Group

Not applicable.

Item 10. Certification

Not applicable.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 14, 2007

SCF-IV, L.P.

By: SCF-IV, G.P., Limited Partnership

By: L.E. Simmons & Associates, Incorporated

By: /s/ Anthony DeLuca

Anthony DeLuca, Managing Director

SCF-IV, G.P., Limited Partnership

By: L.E. Simmons & Associates, Incorporated

By: /s/ Anthony DeLuca

Anthony DeLuca, Managing Director

SCF-VI, L.P.

By: SCF-VI, G.P., Limited Partnership

By: L.E. Simmons & Associates, Incorporated

By: /s/ Anthony DeLuca

Anthony DeLuca, Managing Director

SCF-VI, G.P., Limited Partnership

By: L.E. Simmons & Associates, Incorporated

By: /s/ Anthony DeLuca

Anthony DeLuca, Managing Director

L.E. Simmons & Associates, Incorporated

By: /s/ Anthony DeLuca

Anthony DeLuca, Managing Director

L.E. Simmons

/s/ L.E. Simmons

L.E. Simmons, individually

EXHIBIT INDEX

1. Joint Filing Agreement dated February 14, 2007 by and among SCF-IV, L.P., SCF-IV, G.P., Limited Partnership, SCF-VI, L.P., SCF-VI, G.P., Limited Partnership, L.E. Simmons and Associates, Incorporated, and L.E. Simmons

13