

Complete Production Services, Inc.  
Form SC 13G/A  
March 29, 2010

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

**SCHEDULE 13G  
Under the Securities Exchange Act of 1934  
(Amendment No. 4)\*  
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)  
March 10, 2010

(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 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 PERSON  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

1

SCF-IV, L.P.

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

2

- (a)
- (b)

SEC USE ONLY

3

CITIZENSHIP OR PLACE OF ORGANIZATION

4

Delaware

SOLE VOTING POWER

5

NUMBER OF 0

SHARED VOTING POWER

6

SHARES BENEFICIALLY OWNED BY 0

SOLE DISPOSITIVE POWER

7

EACH REPORTING PERSON 0

SHARED DISPOSITIVE POWER

8

WITH 0

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9

0

10

CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

o

11

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

0%

12

TYPE OF REPORTING PERSON

PN

CUSIP No. 20453E-10-9

**1** NAMES OF REPORTING PERSON  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  
  
SCF-IV, G.P., LLC

**2** CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  
  
(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 0

**7** SOLE DISPOSITIVE POWER  
EACH REPORTING PERSON 0

**8** SHARED DISPOSITIVE POWER  
WITH 0

**9** AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

0

10

CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

o

11

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

0%

12

TYPE OF REPORTING PERSON

PN

3

---

CUSIP No. 20453E-10-9

NAMES OF REPORTING PERSON  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

1

SCF-VI, L.P.

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

2

(a)

(b)

SEC USE ONLY

3

CITIZENSHIP OR PLACE OF ORGANIZATION

4

Delaware

SOLE VOTING POWER

5

NUMBER OF 0

SHARED VOTING POWER

6

SHARES BENEFICIALLY OWNED BY 681,432

SOLE DISPOSITIVE POWER

7

EACH REPORTING PERSON 0

SHARED DISPOSITIVE POWER

8

WITH 681,432

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9

681,432

**10**

CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

o

**11**

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

0.9%

**12**

TYPE OF REPORTING PERSON

PN

CUSIP No. 20453E-10-9

NAMES OF REPORTING PERSON  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

1

SCF-VI, G.P., Limited Partnership

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

2

- (a)
- (b)

SEC USE ONLY

3

CITIZENSHIP OR PLACE OF ORGANIZATION

4

Delaware

SOLE VOTING POWER

5

NUMBER OF 0

SHARED VOTING POWER

6

SHARES BENEFICIALLY OWNED BY 681,432

SOLE DISPOSITIVE POWER

7

EACH REPORTING PERSON 0

SHARED DISPOSITIVE POWER

8

WITH 681,432

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9



681,432

**10**

CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

o

**11**

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

0.9%

**12**

TYPE OF REPORTING PERSON

PN

CUSIP No. 20453E-10-9

**1** NAMES OF REPORTING PERSON  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  
L.E. Simmons & Associates, Incorporated

**2** CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  
(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 737,342

**7** SOLE DISPOSITIVE POWER  
EACH REPORTING PERSON 0

**8** SHARED DISPOSITIVE POWER  
WITH 737,342

**9** AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
737,342

CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

10

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

11

0.9%

TYPE OF REPORTING PERSON

12

CO

CUSIP No. 20453E-10-9

**1** NAMES OF REPORTING PERSON  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  
L.E. Simmons

**2** CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  
(a)   
(b)

**3** SEC USE ONLY

**4** CITIZENSHIP OR PLACE OF ORGANIZATION  
United States

**5** SOLE VOTING POWER  
NUMBER OF 1,104,484

**6** SHARED VOTING POWER  
SHARES BENEFICIALLY OWNED BY 1,561,950

**7** SOLE DISPOSITIVE POWER  
EACH REPORTING PERSON 1,104,484

**8** SHARED DISPOSITIVE POWER  
WITH 1,561,950

**9** AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
2,666,434

CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

10

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

11

3.4%

TYPE OF REPORTING PERSON

12

IN

CUSIP No. 20453E-10-9

**1** NAMES OF REPORTING PERSON  
 S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  
 LESFP, Ltd.

**2** CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  
 (a)   
 (b)

**3** SEC USE ONLY

**4** CITIZENSHIP OR PLACE OF ORGANIZATION  
 Texas

	<b>5</b>	SOLE VOTING POWER
NUMBER OF		0
SHARES	<b>6</b>	SHARED VOTING POWER
BENEFICIALLY		768,698
OWNED BY		

	<b>7</b>	SOLE DISPOSITIVE POWER
EACH		0
REPORTING		
PERSON		

	<b>8</b>	SHARED DISPOSITIVE POWER
WITH		768,698

**9** AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
 768,698

CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

10

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

11

1.0%

TYPE OF REPORTING PERSON

12

PN

CUSIP No. 20453E-10-9

**1** NAMES OF REPORTING PERSON  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON  
LESGP, LLC

**2** CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  
(a)   
(b)

**3** SEC USE ONLY

**4** CITIZENSHIP OR PLACE OF ORGANIZATION  
Texas

	<b>5</b>	SOLE VOTING POWER
NUMBER OF		0
SHARES	<b>6</b>	SHARED VOTING POWER
BENEFICIALLY		768,698
OWNED BY		

	<b>7</b>	SOLE DISPOSITIVE POWER
EACH		0
REPORTING		
PERSON		

	<b>8</b>	SHARED DISPOSITIVE POWER
WITH		768,698

**9** AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
768,698



CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

10

o

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

11

1.0%

TYPE OF REPORTING PERSON

12

OO

**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 him, SCF-IV, L.P., SCF-VI, L.P., LESFP, Ltd. and L.E. Simmons & Associates, Incorporated; (ii) L.E. Simmons & Associates, Incorporated, with respect to the shares of Common Stock directly owned by it, 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., LLC, 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; (vi) SCF-VI, G.P., Limited Partnership, with respect to the shares of Common Stock directly owned by SCF-VI, L.P.; (vii) LESFP, Ltd., with respect to the shares of Common Stock directly owned by it; and (viii) LESGP, LLC, with respect to the shares of Common Stock directly owned by LESFP, Ltd.

(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-VI, L.P., and SCF-VI, G.P., Limited Partnership are limited partnerships organized under the laws of the State of Delaware. SCF-IV, G.P., LLC is a limited liability company organized under the laws of the State of Delaware. LESFP, Ltd. is a limited partnership organized under the laws of the State of Texas. LESGP, LLC is a limited liability company organized under the laws of the State of Texas.

(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<sup>8</sup>**

**A. SCF-IV, L.P.**

- (a) Amount Beneficially Owned: 0
- (b) Percent of Class: 0
- (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: 0
  - (iii) sole power to dispose or to direct the disposition of: 0
  - (iv) shared power to dispose or to direct the disposition of: 0

**B. SCF-IV, G.P., LLC<sup>3</sup>**

- (a) Amount Beneficially Owned: 0
- (b) Percent of Class: 0
- (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: 0
  - (iii) sole power to dispose or to direct the disposition of: 0
  - (iv) shared power to dispose or to direct the disposition of: 0

**C. SCF-VI, L.P.**

- (a) Amount Beneficially Owned<sup>1</sup>: 681,432
- (b) Percent of Class<sup>1</sup>: 0.9%<sup>2</sup>
- (c) Number of shares as to which the person has<sup>1</sup>:
  - (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 Partnership<sup>4</sup>**

- (a) Amount Beneficially Owned<sup>1</sup>: 681,432
- (b) Percent of Class<sup>1</sup>: 0.9%<sup>2</sup>
- (c) Number of shares as to which the person has<sup>1</sup>:

- (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, Incorporated<sup>4</sup>
- (a) Amount Beneficially Owned<sup>1</sup>: 737,342
  - (b) Percent of Class<sup>1</sup>: 0.9%<sup>2</sup>
  - (c) Number of shares as to which the person has<sup>1</sup>:
    - (i) sole power to vote or to direct the vote: 0
    - (ii) shared power to vote or to direct the vote: 737,342
    - (iii) sole power to dispose or to direct the disposition of: 0
    - (iv) shared power to dispose or to direct the disposition of: 737,342
- F. L.E. Simmons<sup>5</sup>
- (a) Amount Beneficially Owned<sup>1</sup>: 2,666,434
  - (b) Percent of Class<sup>1</sup>: 3.4%<sup>2</sup>
  - (c) Number of shares as to which the person has<sup>1</sup>:
    - (i) sole power to vote or to direct the vote: 1,104,484
    - (ii) shared power to vote or to direct the vote: 1,561,950
    - (iii) sole power to dispose or to direct the disposition of: 1,104,484
    - (iv) shared power to dispose or to direct the disposition of: 1,561,950
- G. LESFP, Ltd.<sup>6</sup>
- (a) Amount Beneficially Owned<sup>1</sup>: 768,698
  - (b) Percent of Class<sup>1</sup>: 1.0%<sup>2</sup>
  - (c) Number of shares as to which the person has<sup>1</sup>:
    - (i) sole power to vote or to direct the vote: 0
    - (ii) shared power to vote or to direct the vote: 768,698
    - (iii) sole power to dispose or to direct the disposition of: 0
    - (iv) shared power to dispose or to direct the disposition of: 768,698

H. LESGP, LLC<sup>7</sup>

(a) Amount Beneficially Owned<sup>1</sup>: 768,698

(b) Percent of Class<sup>1</sup>: 1.0%<sup>2</sup>

(c) Number of shares as to which the person has<sup>1</sup>:

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

(ii) shared power to vote or to direct the vote: 768,698

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

(iv) shared power to dispose or to direct the disposition of: 768,698

1. As of March 10, 2010.

2. 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 77,627,661 as of March 10, 2010.

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  
681,432 shares  
of Common  
Stock owned  
directly by  
SCF-VI, L.P.  
and 55,910  
shares of  
Common Stock  
owned directly  
by L.E.  
Simmons &  
Associates,  
Incorporated (all  
of which were  
received on  
December 21,  
2007 in  
connection with  
(1) the  
distribution of  
shares from  
SCF-IV, L.P. to  
SCF-IV G.P.,  
Limited  
Partnership, the  
then-general  
partner of  
SCF-IV, L.P., to  
redeem SCF-IV,  
G.P., Limited  
Partnership's  
entire interest in  
SCF-IV, L.P.  
and (2) the  
subsequent  
distribution of  
shares from  
SCF-IV G.P.,

Limited Partnership to the partners in SCF-IV G.P., Limited Partnership). L.E. Simmons & Associates, Incorporated, the sole member and general partner, respectively, of SCF-IV, G.P., LLC and SCF-VI, G.P., Limited Partnership, has the power to direct the affairs of such entities, 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 681,432 shares of Common Stock owned directly by SCF-VI, L.P., 768,698 shares of Common Stock owned directly by LESFP, Ltd. (of which 674,605 were received on December 21, 2007 in

connection with  
(1) the  
distribution of  
shares from  
SCF-IV, L.P. to  
SCF-IV G.P.,  
Limited  
Partnership, the  
then-general  
partner of  
SCF-IV, L.P., to  
redeem SCF-IV,  
G.P., Limited  
Partnership's  
entire interest in  
SCF-IV, L.P.  
and (2) the  
subsequent  
distribution of  
shares from  
SCF-IV G.P.,  
Limited  
Partnership to  
the partners in  
SCF-IV G.P.,  
Limited  
Partnership),  
55,910 sha