

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

Amendment No. 1 to

SCHEDULE 13D  
(Rule 13d-101)

Under the Securities Exchange Act of 1934

**Summit Midstream Partners, LP**

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(Name of Issuer)

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**Common Units**

(Title of Class of Securities)

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**866142102**

(CUSIP Number)

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**Andrew Singer**  
**11943 El Camino Real**  
**Suite 220**  
**San Diego, California 92130**  
**Telephone: 858-703-4400**

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(Name, Address and Telephone Number of Person  
Authorized to Receive Notices and Communications)

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**February 11, 2016**

(Date of Event Which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of Rule 13d-1(e), 13d-1(f) or 13d-1(g), check the following box.

**Note:** Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Rule 13d-7 for other parties to whom copies are to be sent.

\* 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 disclosures provided in a prior cover page.

The information required on 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).

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1 Names of Reporting Persons  
I.R.S. Identification Nos. of Above Persons (Entities Only)  
Energy Capital Partners II, LLC

2 Check the Appropriate Box if a Member of a Group

(a)

(b)

3 SEC Use Only

4 Source of Funds (See Instructions)  
OO

5 Check Box if Disclosure of Legal Proceedings Is Required Pursuant to Item 2(d) or 2(e)

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6 Citizenship or Place of Organization  
Delaware

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7 Sole Voting Power  
0

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Number of Shares Beneficially Owned by Each Reporting Person With

8 Shared Voting Power  
32,038,767 (a)

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9 Sole Dispositive Power  
0

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10 Shared Dispositive Power  
32,038,767 (a)

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11 Aggregate Amount Beneficially Owned by Each Reporting Person \*  
32,038,767 (a)

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12 Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)

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13 Percent of Class Represented by Amount in Row (11)  
48.2%(b)

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14 Type of Reporting Person  
OO (Limited Liability Company)

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(a) Represents (i) 2,184,186 common units representing limited partner interests of the Issuer (“Common Units”) held directly by SMLP Holdings, LLC (“SMLP Holdings”), 151,160 Common Units held directly by Summit Midstream Partners, LLC (“Summit”) and 5,293,571 Common Units held directly by Summit Midstream Partners Holdings, LLC (“SMPH”), which cumulatively represent 18.1% of the outstanding Common Units, and (ii) 24,409,850 subordinated units representing limited partner interests (“Subordinated Units”), or 100% of the outstanding Subordinated Units, in the Issuer held directly by SMPH. Summit is the sole member of SMPH. Energy Capital Partners II, LP and its parallel and co-investment funds, as applicable (collectively, the “ECP Funds”), hold, in the aggregate, greater than a majority of the membership interests in Summit and all of the membership interests in SMLP Holdings. Energy Capital Partners II, LLC (“ECP II,” and together with the ECP Funds, “ECP”) is the general partner of the general partner of each ECP Fund that holds membership interests in Summit and SMLP Holdings and has voting and investment control over the securities held thereby. Accordingly, ECP II may be deemed to indirectly beneficially own the Common Units and the Subordinated Units of the Issuer held by Summit, SMPH and SMLP Holdings.

(b) Based upon 42,062,644 Common Units and 24,409,850 Subordinated Units outstanding as of October 31, 2015, as set forth in the Issuer’s Quarterly Report on Form 10-Q filed on November 9, 2015. The Subordinated Units may be converted into Common Units on a one for one basis after the expiration of the subordination period (as defined in the Issuer’s First Amended and Restated Agreement of Limited Partnership (the “Partnership Agreement”). Since the Issuer’s initial public offering (“IPO”) in October 2012, the Issuer has paid at least the minimum quarterly distribution on the Common Units, the Subordinated Units and the corresponding distribution on the general partner interest each quarter. The subordination period is therefore expected to end on the first business day following February 12, 2016, the date on which the Issuer has announced that it will pay the distribution for the quarter ending December 31, 2015.

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1 Names of Reporting Persons  
I.R.S. Identification Nos. of Above Persons (Entities Only)  
SMLP Holdings, LLC

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2 Check the Appropriate Box if a Member of a Group

(a)

(b)

3 SEC Use Only

4 Source of Funds (See Instructions)  
OO

5 Check Box if Disclosure of Legal Proceedings Is Required Pursuant to Item 2(d) or 2(e)

6 Citizenship or Place of Organization  
Delaware

7 Sole Voting Power  
2,184,186(a)

Number of  
Shares  
Beneficially  
Owned by  
Each  
Reporting  
Person With

8 Shared Voting Power  
0

9 Sole Dispositive Power  
2,184,186(a)

10 Shared Dispositive Power  
0

11 Aggregate Amount Beneficially Owned by Each Reporting Person \*  
2,184,186(a)

12 Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)

13 Percent of Class Represented by Amount in Row (11)  
3.3%(b)

14 Type of Reporting Person  
OO (Limited Liability Company)

(a) Represents 2,184,186 Common Units, or 5.2% of the outstanding Common Units.

(b) Based upon 42,062,644 Common Units and 24,409,850 Subordinated Units outstanding as of October 31, 2015, as set forth in the Issuer's Quarterly Report on Form 10-Q filed on November 9, 2015. The Subordinated Units may be converted into Common Units on a one for one basis after the expiration of the subordination period (as defined in the Partnership Agreement). Since the Issuer's IPO in October 2012, the Issuer has paid at least the minimum quarterly distribution on the Common Units, the Subordinated Units and the corresponding distribution on the general partner interest each quarter. The

subordination period is therefore expected to end on the first business day following February 12, 2016, the date on which the Issuer has announced that it will pay the distribution for the quarter ending December 31, 2015.

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**Explanatory Note:** This Amendment No. 1 amends and supplements the Schedule 13D (the "Schedule 13D") filed on behalf of Energy Capital Partners II, LLC and SMLP Holdings, LLC (collectively, the "Reporting Persons") with the Securities and Exchange Commission on February 1, 2016.

This Amendment No. 1 is being filed to report the acquisition of Common Units reported in Item 5(c) that resulted in an acquisition of beneficial ownership of Common Units in an amount equal to one percent or more of the Issuer's outstanding Common Units and Subordinated Units on an as-converted basis. The disclosure regarding the transactions reported in Item 5(c) below is incorporated herein by reference.

Information given in response to each item shall be deemed incorporated by reference in all other items, as applicable. All capitalized terms contained herein but not otherwise defined shall have the meanings ascribed to such terms in the Schedule 13D.

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### Item 3. Source and Amount of Funds or Other Consideration

Item 3 is hereby amended by adding the following paragraph at the end hereof:

In various open market purchases between February 1, 2016 and February 11, 2016, SMLP Holdings, which is a wholly owned subsidiary of the ECP Funds, acquired an aggregate of 711,613 of the Issuer's outstanding Common Units for a total aggregate purchase price of \$ 11,401,037.07. The purchase of such Common Units was funded from cash contributed to SMLP Holdings by the ECP Funds.

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### Item 5. Interest in Securities of the Issuer

Item 5 of this Schedule 13D is hereby amended and restated in its entirety as follows:

	<u>ECP II</u>	<u>SMLP Holdings</u>
(a) Amount beneficially owned	32,038,767(1)	2,184,186(2)
(b) Percent of Class (3)	48.2%	3.3%
(c) Number of shares as to which such person has:		
(i) Sole power to vote or to direct the vote:		2,184,186(2)
(ii) Shared power to vote or to direct the vote:	32,038,767(1)	
(iii) Sole power to dispose or to direct the disposition of:		2,184,186(2)
(iv) Shared power to dispose or to direct the disposition of:	32,038,767(1)	

(1) Represents (i) 2,184,186 Common Units held directly by SMLP Holdings, 151,160 Common Units held directly by Summit and 5,293,571 Common Units held directly by SMPH, which cumulatively represent 18.1% of the outstanding Common Units, and (ii) 24,409,850 Subordinated Units, or 100% of the outstanding Subordinated Units, in the Issuer held directly by SMPH. Summit is the sole member of SMPH. The ECP Funds, as applicable, hold, in the aggregate, greater than a majority of the membership interests in Summit and all of the membership interests in SMLP Holdings. ECP II is the general partner of the general partner of each ECP Fund that holds membership interests in Summit and SMLP Holdings and has voting and investment control over the securities held thereby. Accordingly, ECP II may be deemed to indirectly beneficially own the Common Units and the Subordinated Units of the Issuer held by Summit, SMPH and SMLP Holdings.

(2) Represents Common Units held directly by SMLP Holdings, or 5.2% of the outstanding Common Units.

(3) Based upon 42,062,644 Common Units and 24,409,850 Subordinated Units outstanding as of October 31, 2015, as set forth in the Issuer's Quarterly Report on Form 10-Q filed on November 9, 2015. The Subordinated Units may be converted into Common Units on a one for one basis after the expiration of the subordination period (as defined in the Partnership Agreement). Since the Issuer's initial public offering in October 2012, the Issuer has paid at least the minimum quarterly distribution on the Common Units, the Subordinated Units and the corresponding distribution on the general partner interest each quarter. The subordination period is therefore expected to end on the first business day following February 12, 2016, the date on which the Issuer has announced that it will pay the distribution for the quarter ending December 31, 2015.

(c) The transactions effected by the Reporting Persons since the filing of the Schedule 13D are set forth on Schedule I attached hereto.

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### SIGNATURE

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

**Energy Capital Partners II, LLC**

By: /s/ Christopher M. Leininger  
 Christopher M. Leininger  
 Managing Director and Deputy General Counsel

**SMLP Holdings, LLC**

By: /s/ Enoch O. Varner  
 Enoch O. Varner  
 Vice President

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**SCHEDULE I**

## Open Market Transactions by SMLP Holdings, LLC in the Securities of the Issuer

<b>Date of Transaction</b>	<b>Number of Common Units Purchased</b>	<b>Weighted Average Price Per Common Unit</b>	<b>Price Range</b>
February 1, 2016	72,975	18.04	17.82-18.30
February 2, 2016	29,722	17.98	17.50-18.49
February 2, 2016	1,489	18.61	18.53-18.63
February 3, 2016	62,765	16.91	16.38-17.36
February 3, 2016	31,678	17.71	17.39-18.38
February 3, 2016	1,800	18.42	18.39-18.43
February 4, 2016	51,271	17.36	17.00-17.65
February 5, 2016	95,051	16.77	16.52-17.20
February 8, 2016	79,257	15.30	14.78-15.77
February 8, 2016	16,583	16.07	15.78-16.22
February 9, 2016	95,840	14.66	14.20-15.16
February 10, 2016	77,342	14.62	14.20-14.96
February 11, 2016	95,840	14.12	13.56-14.42

The Reporting Persons undertake to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of Common Units purchased at each separate price within the ranges set forth above.