FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| Check this box if no longer subject to |
|----------------------------------------|
| Section 16. Form 4 or Form 5 |
| obligations may continue. See |
| Instruction 1(b). |

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL

OMB Number: 3235-0287
Estimated average burden hours per response: 0.5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| 1. Name and Address of Reporting Person* ENERGY CAPITAL PARTNERS II, LLC | | | | | 2. Issuer Name and Ticker or Trading Symbol Summit Midstream Partners, LP [SMLP] | | | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director X 10% Owner Officer (circ title Check Ch | | | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|------------|-------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------------|-----------------------------------------------|----------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------|------------------------------|--------------------------------------------------------------------|-------------------------------------|
| (Last) (First) (Middle) 51 JOHN F. KENNEDY PARKWAY SUITE 1250 | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 06/13/2016 | | | | | | | | Officer (give title Other (specify below) below) See Footnotes | | | | | | | |
| (Street) SHORT HILLS NJ 07078 | | | 4. I | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | 6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person X Form filed by More than One Reporting | | | | | | | | |
| (City) (State) (Zip) | | | | Person | | | | | | | | | | | | | | | | |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | | | | | |
| Date | | | 2. Transaction Date (Month/Day/Year | 2A. Deemed Execution Date, if any (Month/Day/Year) | | | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following | | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | | | |
| | | | | | | Code | v | Amou | ınt | (A) o (D) | r _{Pri} | ce | Reported Transaction(s (Instr. 3 and 4 | | | | | | | |
| COMMON UNITS (LIMITED PARTNER INTERESTS) | | 06/13/2016 | | | | P | | 2,0 | 12(1) | A | \$20.98(2)(3) | | 3) | 5,891,410 | | I ⁽⁴⁾ | | BY: SMLP HOLDINGS, LLC | | |
| | N UNITS (| | 06/14/2016 | | | | P | | 12,1 | L00 ⁽¹⁾ | A | \$2 | .0.91 ⁽²⁾⁽⁵ | 5) | 5,903,5 | 10 | I ⁽⁴⁾ | | | MLP DINGS, |
| | N UNITS (| | 06/15/2016 | | | | P | | 3,7 | 27 ⁽¹⁾ | A | \$2 | 20.95 ⁽²⁾⁽⁶ | 5) | 5,907,2 | 37 | I ⁽⁴⁾ | | | SMLP DINGS, |
| COMMON UNITS (LIMITED PARTNER INTERESTS) | | | | | | | | | | | | | | | 29,703,4 | 421 | I ⁽⁷⁾ | | MIDS PART | SUMMIT STREAM TNERS DINGS, |
| COMMON UNITS (LIMITED PARTNER INTERESTS) | | | | | | | | | | | | | | | 151,16 | 60 | I ⁽⁷⁾ | | MIDS | SUMMIT STREAM NERS, |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | | | | | | | | | | | |
| Derivative Conversion Date Security Conversion (Month/Day/Year) i | | if any | | Transaction of Der Sec (A) Dis of (| | vative (Mon (mon (mon (mon (mon (mon (mon (mon (m | | e Exercisable and tion Date n/Day/Year) | | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4) | | Derivativ Security (Instr. 5) | | deriva Secui Benet Owne Follow Repo | rities ficially ed wing rted action(s) | 10. Owner Form: Direct or Indi (I) (Ins | (D) irect | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| | | | | Code | v | (A) | | Date Exerci | sable | Expirat Date | | Title | Amount or Number of Shares | | | | | | | |
| | 1. Name and Address of Reporting Person* ENERGY CAPITAL PARTNERS II, LLC | | | | | | | | | | | | | | | | | | | |

| ENERGY CAPITAL PARTNERS II, LLC | | | | | | | |
|---------------------------------|----------|-------|--|--|--|--|--|
| (Last) | (Middle) | | | | | | |
| 51 JOHN F. KENNEDY PARKWAY | | | | | | | |
| SUITE 1250 | | | | | | | |
| (Street) | | | | | | | |
| SHORT HILLS | NJ | 07078 | | | | | |
| (City) | (State) | (Zip) | | | | | |

| 1. Name and Address of ENERGY CAP | of Reporting Person [*] ITAL PARTNER | <u>S II, LP</u> | | | | | | | |
|-------------------------------------------------------------------------------|---------------------------------------------------|-----------------|--|--|--|--|--|--|--|
| (Last) 51 JOHN F. KENN SUITE 1250 | (First) JEDY PARKWAY | (Middle) | | | | | | | |
| | | | | | | | | | |
| (Street) SHORT HILLS | NJ | 07078 | | | | | | | |
| (City) | (State) | (Zip) | | | | | | | |
| 1. Name and Address of Reporting Person* ENERGY CAPITAL PARTNERS II-A, LP | | | | | | | | | |
| (Last) 51 JOHN F. KENN SUITE 1250 | (First) IEDY PARKWAY | (Middle) | | | | | | | |
| (Street) SHORT HILLS | NJ | 07078 | | | | | | | |
| (City) | (State) | (Zip) | | | | | | | |
| 1. Name and Address of Reporting Person* ENERGY CAPITAL PARTNERS II-B IP, LP | | | | | | | | | |
| (Last) 51 JOHN F. KENN SUITE 1250 | (First) IEDY PARKWAY | (Middle) | | | | | | | |
| (Street) SHORT HILLS | NJ | 07078 | | | | | | | |
| (City) | (State) | (Zip) | | | | | | | |
| 1. Name and Address of ENERGY CAP (SUMMIT IP), | ITAL PARTNER | RS II-C | | | | | | | |
| (Last) 51 JOHN F. KENN SUITE 1250 | (First) IEDY PARKWAY | (Middle) | | | | | | | |
| (Street) SHORT HILLS | NJ | 07078 | | | | | | | |
| (City) | (State) | (Zip) | | | | | | | |
| 1. Name and Address of Energy Capital LP | of Reporting Person [*] Partners II (Sum | mit Co-Invest), | | | | | | | |
| (Last) 51 JOHN F. KENN SUITE 1250 | (First) IEDY PARKWAY | (Middle) | | | | | | | |
| (Street) SHORT HILLS | NJ | 07078 | | | | | | | |
| (City) | (State) | (Zip) | | | | | | | |

Explanation of Responses:

- 1. Units were purchased pursuant to a 10b5-1 plan entered into on December 15, 2015.
- 2. The price reported in Column 4 is a weighted average price. 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 in footnotes 3, 5 and 6.
- $3.\ These\ common\ units\ were\ purchased\ in\ multiple\ transactions\ ranging\ from\ \$20.94\ to\ \$21.00,\ inclusive.$
- 4. Energy Capital Partners II, LP ("ECP II") and certain of its parallel funds (collectively, the "SMLP Holdings Owners") collectively hold all of the membership interests in SMLP Holdings, LLC("SMLP Holdings"). Energy Capital Partners II, LLC ("ECP") indirectly controls the SMLP Holdings Owners. Accordingly, ECP and the SMLP Holdings Owners may be deemed to indirectly beneficially own the 5,907,237 common units held by SMLP Holdings but disclaim beneficial ownership except to the extent of their pecuniary interest therein.
- 5. These common units were purchased in multiple transactions ranging from \$20.90 to \$20.99, inclusive.

6. These common units were purchased in multiple transactions ranging from \$20.77 to \$21.00, inclusive.

7. ECP indirectly controls ECP II, Energy Capital Partners II-A, LP ("ECP II-A"), Energy Capital Partners II-B IP, LP ("ECP II-B"), Energy Capital Partners II-C (Summit IP), LP ("ECP II-C") and Energy Capital Partners II (Summit Co-Invest), LP ("ECP Summit Co-Invest" and together with ECP II, ECP II-A, ECP II-B and ECP II-C, the "ECP Funds"), which collectively hold more than a majority of the membership interests in Summit Midstream Partners, LLC ("Summit") and are entitled to appoint all the directors of Summit. Summit is the sole member of Summit Midstream Partners Holdings, LLC ("SMPH") and may be deemed to have indirect beneficial ownership of the 29,703,421 common units held by SMPH in addition to the 151,160 common units held directly. Accordingly, ECP and the ECP Funds "Department of their pecuniary interest therein."

Energy Capital Partners II, LP By: Energy Capital Partners GP II, LP Its: General Partner

By: Energy Capital Partners II, 06/15/2016

LLC Its: General Partner By:

/s/ Enoch O. Varner Title:

Counsel

Energy Capital Partners II-A,

<u>LP By: Energy Capital Partners</u> <u>GP II, LP Its: General Partner</u>

By: Energy Capital Partners II, 06/15/2016

LLC Its: General Partner By:

/s/ Enoch O. Varner Title:

Counsel

Energy Capital Partners II-B

IP, LP By: Energy Capital

Partners GP II, LP Its: General

Partner By: Energy Capital 06/15/2016

Partners II, LLC Its: General Partner By: /s/ Enoch O.

Varner Title: Counsel

Energy Capital Partners II-C

(Summit IP), LP By: Energy

Capital Partners GP II, LP Its:

General Partner By: Energy 06/15/2016

Capital Partners II, LLC Its:

General Partner By: /s/ Enoch

O. Varner Title: Counsel

Energy Capital Partners II

(Summit Co-Invest), LP By:

Energy Capital Partners GP II

Co-Investment (Summit), LLC

<u>Its: General Partner By: Energy</u>

Capital Partners II, LLC Its:

Managing Member By: /s/

Enoch O. Varner Title: Counsel

Energy Capital Partners II,

LLC By: /s/ Enoch O. Varner 06/15/2016

Title: Counsel

** Signature of Reporting Person D

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

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.

^{*} If the form is filed by more than one reporting person, see Instruction 4 (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).