

SemGroup Energy Partners, L.P.
 Form 4
 June 27, 2008

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL
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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 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 *
 Schwiering Peter L

2. Issuer Name and Ticker or Trading Symbol
 SemGroup Energy Partners, L.P.
 [SGLP]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)
 Director 10% Owner
 Officer (give title below) Other (specify below)
 EVP of GP of Issuer

(Last) (First) (Middle)
 6120 SOUTH YALE AVENUE, SUITE 700
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 06/20/2008

TULSA, OK 74136
 (City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 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 Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |
|---|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | Code | V Amount (A) or (D) Price | | | |
| Common units representing limited partner interests | 06/20/2008 | | A | 8,000 (1) A \$ 0 | 78,000 | D | |
| Common units representing limited partner | 06/20/2008 | | A | 7,000 (2) A \$ 0 | 85,000 (3) | D | |

interests

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

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(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Beneficially Owned (Instr. 3 and 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|---------|---------------------|
| | Director | 10% Owner | Officer | Other |
| Schwiering Peter L 6120 SOUTH YALE AVENUE SUITE 700 TULSA, OK 74136 | | | | EVP of GP of Issuer |

Signatures

/s/ Alex G. Stallings, Attorney-In-Fact For: Peter L. Schwiering
06/27/2008

__Signature of Reporting Person

Date

Explanation of Responses:

- * 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).
- (1) Represents phantom units awarded under the Type A phantom unit agreement. Each phantom unit awarded is the economic equivalent of one common unit. The phantom units vest in one-third increments on July 23, 2009, July 23, 2010 and July 23, 2011.
 - (2) Represents phantom units awarded under the Type B phantom unit agreement. Each phantom unit awarded is the economic equivalent of one common unit. The phantom units vest in one-third increments on July 23, 2009, July 23, 2010 and July 23, 2011.

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The amount of securities owned includes 30,000 phantom units previously awarded to the reporting person. Each phantom unit awarded (3) is the economic equivalent of one common unit. The phantom units vest in one-quarter increments on July 23, 2008, July 23, 2009, July 23, 2010 and July 23, 2011.

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.