

SemGroup Energy Partners, L.P.
 Form 4
 December 31, 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 *
 MSD CAPITAL L P

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)

(Last) (First) (Middle)
 645 FIFTH AVENUE, 21ST FLOOR
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 10/20/2008

____ Director
 ____ Officer (give title below)
 10% Owner
 ____ Other (specify below)

NEW YORK, NY 10022

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

(City) (State) (Zip)

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 Indirect Beneficial Ownership (Instr. 4)			
			Code	V	Amount	(A) or (D)	Price			
Common Units <u>(1)</u> <u>(2)</u>	10/20/2008 ⁽³⁾		L		2,300	A	\$ 3.7423 <u>(4)</u>	2,492,717	I	See footnote <u>(1)</u>
Common Units <u>(1)</u> <u>(2)</u>	12/29/2008		P		43,473	A	\$ 1.9947	2,536,190	I	See footnote <u>(1)</u>
Common Units <u>(1)</u> <u>(2)</u>	12/30/2008		P		68,550	A	\$ 2.0081	2,604,740	I	See footnote <u>(1)</u>
Common Units <u>(1)</u> <u>(2)</u>	12/31/2008		P		76,750	A	\$ 2.3143	2,681,490	I	See footnote

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

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 control number.

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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 Following Reported Transaction (Instr. 3)
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Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MSD CAPITAL L P 645 FIFTH AVENUE 21ST FLOOR NEW YORK, NY 10022		X		
MSD Torchlight, L.P. 645 FIFTH AVENUE 21ST FLOOR NEW YORK, NY 10022		X		

Signatures

MSD Capital, L.P., By: MSD Capital Management LLC, Its: General Partner, By: /s/ Marc R. Lisker, Title: Manager and General Counsel	12/31/2008
**Signature of Reporting Person	Date
MSD Torchlight, L.P., By: MSD Capital, L.P., Its: General Partner, By: MSD Capital Management LLC, Its: General Partner, By: /s/ Marc R. Lisker, Title: Manager and General Counsel	12/31/2008
**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) This statement is jointly filed by and on behalf of each of MSD Capital, L.P. ("MSD Capital") and MSD Torchlight, L.P. ("MSD Torchlight"). Following the transactions reported herein, MSD Torchlight is the record and direct beneficial owner of 2,681,490 common units of SemGroup Energy Partners, L.P. MSD Capital is the general partner of MSD Torchlight and may be deemed to indirectly beneficially own securities owned by MSD Torchlight. MSD Capital Management LLC is the general partner of MSD Capital.

(2) Each reporting person states that neither the filing of this statement nor anything herein shall be deemed an admission that such person is, for purposes of Section 16 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise, the beneficial owner of any securities covered by this statement. Each reporting person disclaims beneficial ownership of the securities covered by this statement, except to the extent of the pecuniary interest of such person in such securities.

(3) This transaction previously was eligible for deferred reporting in reliance on Rule 16a-6 of the Exchange Act.

(4) This transaction was executed in multiple trades on October 20, 2008 at prices ranging from \$3.72 to \$3.75. The price reported above reflects the weighted average purchase price. The reporting person(s) hereby undertake to provide to the Commission staff, the issuer or a security holder of the issuer, upon request, full information regarding the number of shares purchased at each separate price.

Remarks:

Exhibit 99.1 - Joint Filer Information (furnished herewith)

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

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