FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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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

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 Ad | dress of Reporting | Person [*] | 2. Issuer Name and Ticker or Trading Symbol Kosmos Energy Ltd. [KOS] | | tionship of Reporting P all applicable) | | |
|---------------------------|--------------------------|---------------------|--|--|--|------------------|--|
| (Last) | (First) S ENERGY, LLO | (Middle) C | 3. Date of Earliest Transaction (Month/Day/Year) X Officer (give title Oth | | 10% Owner Other (specify below) obal HR | | |
| 8176 PARK LANE, SUITE 500 | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Individual or Joint/Group Filing (Check Applicable Line) | | | |
| (Street) | | | | X | Form filed by One Re | porting Person | |
| DALLAS | TX | 75231 | _ | | Form filed by More that Person | an One Reporting | |
| (City) | (State) | (Zip) | | | | | |
| | | Table I - Non-Deri | vative Securities Acquired. Disposed of. or Benef | icially | Owned | | |

| 1. Title of Security (Instr. 3) | Date | 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) | 7. Nature of Indirect Beneficial Ownership |
|---------------------------------|------------|---|---|---|---|---------------|-------------------|--|--|---|
| | | | Code | v | Amount | (A) or (D) | Price | Reported Transaction(s) (Instr. 3 and 4) | (Instr. 4) | (Instr. 4) |
| Common Shares | 06/11/2012 | | A | | 21,635(1) | Α | \$ <mark>0</mark> | 58,783 | D | |

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

| | (e.g., puis, cans, 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) | Code (In | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | 6. Date Exer Expiration D (Month/Day/ | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | Beneficial Ownership | | |
| | | | | Code | v | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | | |

Explanation of Responses:

1. These restricted shares were granted under the Issuer's Long Term Incentive Plan (the "Plan") and are scheduled to vest with respect to 25% of the total number of shares on each of June 1 of 2013, 2014, 2015 and 2016, subject to the terms of the Plan and the applicable award agreement issued thereunder.

Remarks:

/s/ Phillip Feiner, as Attorney- 06/12/2012 in-Fact

** Signature of Reporting Person Date

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

* 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).

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.