

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No.)*

Kosmos Energy Ltd.
(Name of Issuer)

Common Shares
(Title of Class of Securities)

500688106
(CUSIP Number)

December 31, 2018
(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
 Rule 13d-1(c)
 Rule 13d-1(d)

*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 the disclosures provided in a prior cover page.

The information required in 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)
Capital World Investors **

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)

(a)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5 SOLE VOTING POWER

22,231,530

6 SHARED VOTING POWER

NONE

7 SOLE DISPOSITIVE POWER

22,231,530

8 SHARED DISPOSITIVE POWER

NONE

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

22,231,530 Beneficial ownership disclaimed pursuant to Rule 13d-4

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

5.5%

12 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

IA

** A division of Capital Research and Management Company (CRMC)

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SECURITIES AND EXCHANGE COMMISSION
Washington, DC 20549

Schedule 13G
Under the Securities Exchange Act of 1934

Amendment No.

Item 1(a) Name of Issuer:
Kosmos Energy Ltd.

Item 1(b) Address of Issuer's Principal Executive Offices:
C/O Kosmos Energy LLC
8176 Park Lane, Suite 500
Dallas, TX 75231

Item 2(a) Name of Person(s) Filing:
Capital World Investors

Item 2(b) Address of Principal Business Office or, if none,
Residence:
333 South Hope Street
Los Angeles, CA 90071

Item 2(c) Citizenship: N/A

Item 2(d) Title of Class of Securities:
Common Shares

Item 2(e) CUSIP Number:
500688106

Item 3 If this statement is filed pursuant to sections 240.13d-1(b)
or 240.13d-2(b) or (c), check whether the person filing is a:
(e) An investment adviser in accordance with
section 240.13d-1(b)(1)(ii)(E).

Item 4 Ownership

Provide the following information regarding the aggregate
number and percentage of the class of securities of the issuer
identified in Item 1.

- (a) Amount beneficially owned:
- (b) Percent of class:
- (c) Number of shares as to which the person has:
 - (i) Sole power to vote or to direct the vote:
 - (ii) Shared power to vote or to direct the vote:
 - (iii) Sole power to dispose or to direct the disposition of:
 - (iv) Shared power to dispose or to direct the disposition of:

See page 2

Capital World Investors divisions of CRMC and Capital
International Limited collectively provide investment
management services under the name Capital World Investors.
Capital World Investors is deemed to be the beneficial owner of
22,231,530 shares or 5.5% of the 398,651,406 shares believed to
be outstanding.

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Item 5 Ownership of Five Percent or Less of a Class. If this
statement is being filed to report the fact that as of the date
hereof the reporting person has ceased to be the beneficial
owner of more than five percent of the class of securities,
check the following: []

Item 6 Ownership of More than Five Percent on Behalf of Another
Person: N/A

Item 7 Identification and Classification of the Subsidiary Which
Acquired the Security Being Reported on By the Parent Holding
Company or Control Person: N/A

Item 8 Identification and Classification of Members of the Group:
N/A

Item 9 Notice of Dissolution of Group: N/A

Item 10 Certification

By signing below, I certify that, to the best of my knowledge
and belief, the securities referred to above were acquired and
are held in the ordinary course of business and were not
acquired and are not held for the purpose of or with the effect
of changing or influencing the control of the issuer of the
securities and were not acquired and are not held in connection
with or as a participant in any transaction having that purpose
or effect.

Signature

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

Date: February 12, 2019

Signature: /s/ Michael J. Triessl
Name/Title: Michael J. Triessl - Senior Vice
President and Senior Counsel, Fund
Business Management Group
Capital Research and Management Company