

May 20, 2022

Neal D. Shah
Senior Vice President and Chief Financial Officer
Kosmos Energy Ltd.
8176 Park Lane, Suite 500
Dallas, Texas 75231

Re: Kosmos Energy Ltd.
Form 10-K for the
Filed February 28,
File No. 001-35167

Fiscal Year ended December 31, 2021
2022

Dear Mr. Shah:

We have reviewed your May 10, 2022 response to our comment letter and have the following comments. In some of our comments, we may ask you to provide us with information so we may better understand your disclosure.

Please respond to these comments by providing the requested information or advise us as soon as possible when you will respond. If you do not believe our comments apply to your facts and circumstances, please tell us why in your response.

After reviewing your response to these comments, we may have additional comments. Unless we note otherwise, our references to prior comments are to comments in our April 28, 2022 letter.

Form 10-K for the Fiscal Year ended December 31, 2021

Business
Operations by Geographic Area, page 13

1. We have read your response to prior comment 1 and note that you propose to disclose volumes of production and average sales prices and costs by geographic area/field on an aggregated basis, for oil/condensate, natural gas liquids and natural gas combined.

We also note from your response to prior comment 2 that you propose to discontinue reporting natural gas liquids production and the corresponding average sales prices in your Results of Operations disclosure on page 69.

Neal D. Shah
FirstName LastName Neal D. Shah
Company Kosmos Energy Ltd.
Name Kosmos Energy Ltd.
May 20, 2022

May 20,
Page 2 2022 Page 2
FirstName LastName

While we do not object to your aggregation of reserve information based on the relative significance of the reserves we believe that separate disclosure of production volumes, average sales prices and costs by final product sold is nevertheless required by Items 1204(a) and (b)(1) of Regulation S-K. We reissue prior comment

1. Our Reserves
Summary of Oil and Gas Reserves, page 21

2. We understand from your response to prior comment 2 that you prefer not disclosing

natural gas liquids reserve information separately because you regard these quantities to

be immaterial as a proportion of total proved reserves for the years ended December 31,

2021, 2020, and 2019. Please expand your disclosures on pages 21 and 125 to include

your justification for aggregating natural gas liquids and crude oil/condensate reserves.

3. We have read your response to prior comment 6 and note your proposed disclosure

revisions appear to be limited to changes in your total proved reserves. Please further

revise your intended disclosures to also address changes in your proved undeveloped

reserves to comply with Item 1203(b) of Regulation S-K, as previously advised.

Gross and Net Undeveloped and Developed Acreage, page 25

4. We understand from your response to prior comment 8 that you will revise your

disclosure under this heading to include details about the expiration dates and acreage for

material concentrations of your undeveloped properties by geographic area. Please

provide us with an illustration of your proposed disclosure revisions. Supplemental Oil and Gas Data (Unaudited)

Net Proved Developed and Undeveloped Reserves, page 125

5. We have read your response to prior comment 6 and note that change volumes in the table

titled "Net Proved Developed and Undeveloped Reserves" on page 125 are shown by

individual product type by geographical area, using units of MMBbls and Bcf, while your

explanations of these changes reference units of BOE by geographical area.

As a result, the changes identified in your discussion cannot be compared directly to the

line items in the reserves reconciliation. Please further modify your intended explanations

to utilize or additionally include units corresponding to those reflected in the tabulation.

Tell us what consideration you have given to enhancing your disclosure by providing

additional detail by geographic area as BOE amounts.

Neal D. Shah
Kosmos Energy Ltd.
May 20, 2022
Page 3

You may contact Sandra Wall, Petroleum Engineer, at (202) 551-4727 or John Hodgins, Petroleum Engineer, at (202) 551-3699 if you have any questions regarding the comments.

FirstName LastName Neal D. Shah
Comapany Name Kosmos Energy Ltd.

Sincerely,

Division of Corporation

Finance
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Transportation
FirstName LastName

Office of Energy &