

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

September 8, 2023

Pablo Manuel Vera Pinto Chief Financial Officer Vista Energy, S.A.B. de C.V. Pedregal 24, Floor 4 Colonia Molino del Rey, Alcaldía Miguel Hidalgo Mexico City, 11040 Mexico

> Re: Vista Energy, S.A.B. de C.V. Form 20-F for the Fiscal Year Ended December 31, 2022 Filed April 24, 2023 File No. 001-39000

Dear Pablo Manuel Vera Pinto:

We have limited our review of your filing to the financial statements and related disclosures 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 within ten business days 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.

Form 20-F for the Fiscal Year Ended December 31, 2022

Presentation of Information

Measurements, Oil and Natural Gas Terms and Other Data, page 6

1. Please expand the information relating to oil and natural gas measured as barrels of oil equivalent ("boe") to additionally provide the factor for converting your natural gas volumes disclosed in cubic feet to equivalent barrels of oil (e.g., the number of cubic feet of gas per barrel of oil equivalent). Refer to Instruction 3 to Item 1202(a)(2) of Regulation S-K.

Business Overview Reserves, page 67

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- 2. Please modify the tabular presentations of your proved developed and proved undeveloped reserves provided on page 68 to additionally provide your net gas quantities (consumption plus natural gas sales) expressed in terms of cubic feet of natural gas, e.g., as Bcf. Also modify your presentations to include separate disclosure of the net quantities of your reserves by individual country, e.g., disclose and clearly identify the reserves attributable to Argentina and to Mexico. Please provide us with an illustration of your proposed disclosure revisions. Refer to the requirements in Item 1201(d) and the illustration in Item 1202(a)(1) of Regulation S-K.
- 3. Please expand your disclosure to include a reconciliation and accompanying explanation of the material changes that occurred in proved undeveloped reserves during the year ended December 31, 2022. Your discussion should separately identify and quantify the net change attributable to each of the individual items, such as revisions, extensions and discoveries, transfers through conversion of reserves to developed status, sales and acquisitions, that contributed to the overall change in the net quantities of your proved undeveloped reserves. To the extent that two or more unrelated factors are combined to arrive at the overall change for an individual item, your disclosure should separately identify and quantify each individual factor, including offsetting factors, that contributed to the change so that the change in net reserve quantities that occurred between December 31, 2021 and December 31, 2022 is fully explained.

The disclosure of revisions in the previous estimates of your proved undeveloped reserves in particular should identify the individual factors such as the changes caused by commodity prices, well performance, unsuccessful and/or uneconomic proved undeveloped locations or the removal of proved undeveloped locations due to changes in a previously adopted development plan, as applicable.

Please note that you may disclose the changes in the net quantities of your proved undeveloped reserves by individual product of oil and natural gas or alternatively in terms of barrels of oil equivalent, e.g., "total all products" consistent with the guidance and example shown in FASB ASC 932-235-55-2 relating to the disclosure of the changes that occurred in total proved reserves. Please provide us with an illustration of your proposed disclosure revisions.

Refer to Item 1203(b) of Regulation S-K and your responses to prior comment 1 in the letters dated September 28 and October 16, 2020 regarding disclosure in your Form 20-F for the year ended December 31, 2019.

Productive Wells, page 72

4. Please expand your disclosure of productive wells, present activities and drilling activities to additionally include non-operated wells, if any. Also clarify your disclosure to indicate that the number of wells shown under the sections "Present Activities" and "Drilling Activities" represent net wells, if true. Refer to the disclosure requirements in Items 1205, 1206 and 1208 and the definition of a net well in Item 1208(c)(2) of Regulation S-K.

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Production, page 73

5. Please expand your disclosure of production for each of the last three fiscal years shown on pages 73 and 119 to provide the comparable information relating to your assets in Mexico. Refer to the disclosure requirements in Item 1204(a) of Regulation S-K.

Notes to Consolidated Financial Statements as of December 31, 2022 and 2021, and for the Years Ended December 31, 2022, 2021 and 2020

Note 35. Supplementary Information on Oil and Gas Activities (Unaudited)

Estimated Crude Oil and Natural Gas Reserves, page F-91

6. Please expand the tabular presentation of your proved developed and proved undeveloped reserves, by individual product type and by country, presented on pages F-92 through F-93 to additionally provide the net quantities at the beginning of the initial period shown in the reserves reconciliation, e.g., December 31, 2019. Refer to FASB ASC 932-235-50-4.

In closing, we remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

You may contact John Hodgin, Petroleum Engineer, at (202) 551-3699 or Brad Skinner, Office Chief, at (202) 551-3489 with any questions.

Sincerely,

Division of Corporation Finance Office of Energy & Transportation