



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

DIVISION OF
CORPORATION FINANCE

April 17, 2012

Via E-mail

Ms. Patricia E. Yarrington
Chief Financial Officer
Chevron Corporation
6001 Bollinger Canyon Road
San Ramon, California 94583-2324

**Re: Chevron Corporation
Form 10-K for the Fiscal Year ended December 31, 2011
Filed February 23, 2012
File No. 1-00368**

Dear Ms. Yarrington:

We have reviewed your filing 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 this letter within ten business days by amending your filing, by providing the requested information, or by advising us when you will provide the requested response. If you do not believe our comments apply to your facts and circumstances or do not believe an amendment is appropriate, please tell us why in your response.

After reviewing any amendment to your filing and the information you provide in response to these comments, we may have additional comments.

Form 10-K for the Fiscal Year ended December 31, 2011

Note 11 – Operating Segments and Geographic Data, page FS-37

1. Please explain why your disclosure does not include details of the revenues which were generated from the products and services of your upstream and downstream segments and submit the revisions that you would propose to comply with FASB ASC paragraph 280-10-50-40.

Supplementary Information on Oil and Gas Producing Activities (Unaudited), page FS-62

2. We note that you have combined estimates of crude oil and natural gas liquids in disclosing your reserve quantities. Tell us how you applied FASB ASC paragraph 932-235-50-4 in preparing this combined presentation and submit a schedule showing the information in the table on page FS-68 for crude oil and natural gas liquids separately.

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We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filing to be certain that the filing includes the information the Securities Exchange Act of 1934 and all applicable Exchange Act rules require. Since the company and its management are in possession of all facts relating to a company's disclosure, they are responsible for the accuracy and adequacy of the disclosures they have made.

In responding to our comments, please provide a written statement from the company acknowledging that:

- the company is responsible for the adequacy and accuracy of the disclosure in the filing;
- staff comments or changes to disclosure in response to staff comments do not foreclose the Commission from taking any action with respect to the filing; and
- the company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States.

You may contact Lily Dang at (202) 551-3867 or Mark Wojciechowski at (202) 551-3759 if you have questions regarding comments on the financial statements and related matters. Please contact me at (202) 551-3686 with any other questions.

Sincerely,

/s/ Karl Hiller

Karl Hiller
Branch Chief