



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

DIVISION OF
CORPORATION FINANCE

November 24, 2014

Via E-mail
Stephen J. Foley
Chief Executive Officer
PetroShare Corp.
7200 S. Alton Way, Suite B-220
Centennial, Colorado 80112

**Re: PetroShare Corp.
Amendment No. 1 to Registration Statement on Form S-1
Filed November 5, 2014
File No. 333-198881**

Dear Mr. Foley:

We have reviewed your registration statement 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 by amending your registration statement and providing the requested information. 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 registration statement and the information you provide in response to these comments, we may have additional comments.

Prospectus Cover Page

1. We note your new disclosure on your prospectus cover page that you may issue broker warrants to purchase shares of your common stock in an amount up to 10% of the number of shares sold through the efforts of brokers. Please advise as to whether you intend to register the offer and sale of such warrants.
2. We note your new reference on page 3 to "the over-subscription option." Please advise as to the nature of such option.
3. In connection with your new disclosure about the broker warrants and the over-subscription option, please revise your disclosure to identify any underwriters and identify the nature of any underwriting arrangements. See Item 501(b)(8) of Regulation S-K.

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 Act of 1933 and all applicable Securities 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.

Notwithstanding our comments, in the event you request acceleration of the effective date of the pending registration statement please provide a written statement from the company acknowledging that:

- should the Commission or the staff, acting pursuant to delegated authority, declare the filing effective, it does not foreclose the Commission from taking any action with respect to the filing;
- the action of the Commission or the staff, acting pursuant to delegated authority, in declaring the filing effective, does not relieve the company from its full responsibility for the adequacy and accuracy of the disclosure in the filing; and
- the company may not assert staff comments and the declaration of effectiveness as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States.

Please refer to Rules 460 and 461 regarding requests for acceleration. We will consider a written request for acceleration of the effective date of the registration statement as confirmation of the fact that those requesting acceleration are aware of their respective responsibilities under the Securities Act of 1933 and the Securities Exchange Act of 1934 as they relate to the proposed public offering of the securities specified in the above registration statement. Please allow adequate time for us to review any amendment prior to the requested effective date of the registration statement.

You may contact Wei Lu, Staff Accountant, at (202) 551-3725 or Ethan Horowitz, Accounting Branch Chief, at (202) 551-3311 if you have questions regarding comments on the financial statements and related matters. Please contact Laura Nicholson, Senior Counsel, at (202) 551-3584 with any other questions.

Sincerely,

/s/H. Roger Schwall

H. Roger Schwall
Assistant Director