

Ken Nikiforuk  
Manager, Completions  
Strategic Oil and Gas Ltd.  
1100, 645 – 7<sup>TH</sup> AVENUE SW  
CALGARY AB T2P 4G8

February 25, 2019

Dear Ken Nikiforuk:

**Information Request No. 1:  
Strategic Oil and Gas Ltd. Application to  
Suspend the Cameron C-19 Well (ACW-2019-002-SOG-C-19-WID1767)**

On February 22, 2019, the Office of the Regulator of Oil and Gas Operations (OROGO) received a complete application from Strategic Oil and Gas Ltd. (SOG) to Alter the Condition of a Well (ACW) for the suspension of the Cameron C-19 well. In order to review SOG's application, OROGO requires additional information, as set out in the attached Information Request No. 1.

Please send your written responses and any associated correspondence to Pauline de Jong, Chief Conservation Officer, OROGO, by email at [oro.go@gov.nt.ca](mailto:oro.go@gov.nt.ca) or through OROGO's secure file transfer site.

Please submit your response on or before 4:00 p.m. on March 1, 2019. If you are unable to respond within this timeframe or have any questions, please contact me at (867)767-9097 or by email at [Pauline.dejong@gov.nt.ca](mailto:Pauline.dejong@gov.nt.ca).

Sincerely,



Pauline de Jong  
Chief Conservation Officer

Attachment

- c. Alyssa Bruce, Manager, Land, Strategic Oil and Gas Ltd.

**Strategic Oil and Gas Ltd. (SOG)**  
**Application to Alter the Condition of a Well (ACW-2019-002-SOG-C-19-WID1767)**  
**Information Request No. 1**

**1.1 Abandonment of Perforated Zones**

**Preamble:** The ACW application for the Cameron C-19 well proposes to abandon the Sulphur Point perforations. The steps outlined do not include pressure testing the 5 metre cement plug (1548mKB) above the Keg River perforations. Section 56(a) of the *Oil and Gas Drilling and Production Regulations* requires that all suspended or abandoned wells be left in a condition that “provides for isolation of all oil or gas bearing zones and discrete pressure zones”. A successful pressure test of the 5m cement plug (1548mKB) is required to address the risk of comingling of the Sulphur Point and Keg River zones. In the event of unsuccessful pressure test, the Keg River zone will need to be re-abandoned prior to abandonment of the Sulphur Point zone.

**Request:** Please submit an updated well program that addresses the risk of comingling of the Sulphur Point and Keg River zones.

**1.2 Detailed Description of Procedure**

**Preamble:** Step 9 of the Procedure section of the ACW application states “Kill the casing following the attached bull-heading procedure from the WSBOP manual”. It is unclear how this step would be feasible at this point in the program as the well bore diagram notes a packer still set at 1414 mKB and a tubing hole punched at 1429mKB.

**Request:** Please provide an amended ACW that clarifies the correct order of procedures to safely kill the well.