



NWT OFFICE OF THE REGULATOR OF OIL AND GAS OPERATIONS

Office of the Regulator of Oil and Gas Operations

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Ken Nikiforuk, Operations Consultant
Strategic Oil & Gas Ltd.
C/O Alvarez & Marsal Canada ULC
SUITE 1100, 250 – 6 AVE SW
CALGARY AB T2P 3H7

September 8, 2022

Dear Ken Nikiforuk:

**Information Request No. 3:
Application to Abandon the Cameron I-74 Well (ACW-2022-SOG-I-74-WID1792)**

On September 3, 2022, the Office of the Regulator of Oil and Gas Operations (OROGO) received the response to Information Request No. 2 from Strategic Oil & Gas Ltd. (Strategic) for the Cameron I-74 well (WID 1792).

OROGO has reviewed the information provided by Strategic and requires additional information to complete its review of Strategic's application, as set out in the attached Information Request No. 3.

Please send your written responses and any associated correspondence to OROGO at oro.gov.nt.ca or through OROGO's secure file transfer site, on or before 4:00 p.m. on September 26, 2022.

If you are unable to respond within this timeframe or have any questions, please contact OROGO at (867) 767-9097 or by email at oro.gov.nt.ca.

Sincerely,

Michael Martin
Chief Safety Officer
Conservation Officer

Encl. Information Request No. 3

c. Duncan MacRae, Director, Alvarez & Marsal Canada ULC

Strategic Oil & Gas Ltd.

Application for an Authorization to Alter the Condition of a Well

Cameron I-74 Well (ACW-2022-SOG-I-74-WID1792)

Information Request No. 3

3.1 Abandonment Procedure Steps

Preamble:

The proposed well abandonment program, submitted on September 3, 2022, identifies the upper packer (1,324.3mKB) will be released in Step 26 and again in Step 28. It is not clear how the upper packer can be released twice.

Request:

Submit an updated abandonment program that identifies the proper order of unsetting both the upper (1,324.3 mKB) and lower (1,394.2 mKB) packers.

3.2 Wellbore Fluid

Preamble:

The proposed well abandonment program, submitted on September 3, 2022, identifies that fluid volumes of 1.5 the wellbore volume will be located on site upon commencement of abandonment operations. It is not clear that this will be sufficient volume to keep the well in a 'killed' state given Strategic has proposed to trip tubing in and out of the wellbore twice while removing the upper (1,324.3 mKB) and lower (1,394.2 mKB) packers causing displacement and the reservoir is underpressurized.

Request

Submit either:

- Confirmation, with rationale, that the proposed fluid volumes will suffice to keep the well in a 'Killed' state during abandonment operations; or
- Submit an updated abandonment program that identifies sufficient fluid volumes to keep the well in a 'Killed' state during abandonment operations.

3.3

Preamble:

The proposed well abandonment program, submitted on September 3, 2022, does not identify scraping of the wellbore above and below the proposed depth of setting the lower bridge plug (1,398 mKB) as a contingency step.

There is a reasonable expectation that the area below the lower packer (1,394.2 mKB) could be fouled due to exposure to 0.77% H₂S for over 21 years.

Request:

Submit an updated abandonment program that identifies scraping of the wellbore above and below the depths identified for setting of the bridge plugs as a contingency.