



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

July 18, 2022

Dear Ken Nikiforuk:

Information Request No. 1:

Application to Abandon the Cameron F-75 Well (ACW-2022-SOG-F-75-WID1971)

On July 4, 2022, the Office of the Regulator of Oil and Gas Operations (OROGO) received a well abandonment program from Strategic Oil & Gas Ltd. (Strategic) for the Cameron F-75 well.

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. 1.

Please send your written responses and any associated correspondence to OROGO at oro.go@gov.nt.ca or through OROGO's secure file transfer site, on or before 4:00 p.m. on August 2, 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.go@gov.nt.ca.

Sincerely,

Pauline de Jong
Regulator

Encl. Information Request No. 1

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

Strategic Oil & Gas Ltd.

Application for an Authorization to Alter the Condition of a Well

Cameron F-75 Well (ACW-2022-SOG-F-75-WID1971)

Information Request No. 1

1.1 Sulphur Point Remedial Cementing

Preamble:

The cement bond log run on February 10, 2003, shows questionable bond between 1360 and 1450 mKB. The Sulphur Point perforations are between 1422.5 and 1426.0 mKB, within the area of questionable cementing. The area of questionable cementing extends to the location of the proposed permanent bridge plug and cement cap between 1360 and 1413 mKB.

The proposed abandonment program submitted on July 4, 2022 does not include any steps for remedial cementing in this area.

Request:

Submit an updated abandonment program that includes remedial cementing to improve the isolation behind the production casing around the Sulphur Point perforations before setting the permanent bridge plug and cement cap.

1.2 Placement of Permanent Bridge Plug

Preamble:

Step 25 of the proposed well abandonment program indicates that the permanent bridge plug must not be set within 2 meters of a casing collar.

Section 6A of the *Well Suspension and Abandonment Guidelines and Interpretation Notes* (Guidelines), revised in May 2022, indicates that plugs must not be set within 5 meters of a casing collar.

Request:

Submit an updated abandonment program that reflects the requirements in section 6A of the May 2022 Guidelines for the placement of bridge plugs.

1.3 Wellbore Fluid

Preamble:

Step 9 of the March 5, 2019, Abandonment Cement Plug Procedure submitted on July 4, 2022 indicates that an inhibitor is to be added to the fresh water used to fill the wellbore. This is noncompliant with section 6A of the Guidelines, which requires the wellbore above the uppermost bridge plug to be filled with non-saline water containing no inhibitors.

Request:

Submit an updated abandonment program that meets the requirements of section 6A of the Guidelines for wellbore fluid.

1.4 Abandoned Well Marker

Preamble:

The abandoned well marker diagram included with the proposed well abandonment program does not reflect the changes made in the revised Guidelines, issued in May 2022.

Request:

Submit an updated abandonment program that includes the abandoned well marker requirements found in section 6E of the May 2022 Guidelines.