



NWT OFFICE OF THE REGULATOR OF OIL AND GAS OPERATIONS

Office of the Regulator of Oil and Gas Operations

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John Hawkins, P. Eng.
Director Asset Management
Paramount Resources Ltd.
Suite 2800, 421 – 7TH AVE SW
CALGARY AB T2P 4K9

April 12, 2021

Dear John Hawkins:

Information Request No. 3: Paramount Resources Ltd. Application to Alter the Condition of a Well – Mount Coty I-02 Well (ACW- 2020-004-PAR-I-02-WID1884)

On March 29, 2021 the Office of the Regulator of Oil and Gas Operations (OROGO) received a response from Paramount Resources Ltd. (Paramount) to Information Request (IR) No. 2 regarding the Application to Alter the Condition of a Well (ACW) for the proposed abandonment of the Mount Coty I-02 (WID 1884) well.

OROGO has reviewed the information provided by Paramount and requires further information in order to complete its review of Paramount's ACW application, as set out in the attached IR No. 3.

Please send your written responses and any associated correspondence to Peter Lennie-Misgeld, Senior Advisor, Legislation and Policy at oro.go@gov.nt.ca or through OROGO's secure file transfer site, on or before 4:00 pm on May 12, 2021. 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. 3

Paramount Resources Ltd.
Application to Alter the Condition of a Well – Mount Coty I-02 Well
(ACW-2020-004-PAR-I-02-WID1884)
Information Request No. 3

3.1 Cement Evaluation

PREAMBLE:

Paramount Resources Ltd. (Paramount) submitted an application for a well approval on December 17, 2020 and submitted its response to IR No. 1 on February 15, 2021 and IR No. 2 on March 29, 2021.

Paramount's updated Abandonment Program did not include:

1. Abandonment Program steps for the completion of cement evaluation. Section 6A of the Office of the Regulator of Oil and Gas Operations (OROGO) *Well Suspension and Abandonment Guidelines and Interpretation Notes* (Guidelines) requires an operator to evaluate cement behind the casing string(s) before beginning abandonment operations. The evaluation must include:
 - Determining the cement top;
 - Evaluating cement bond in the casing annulus; and
 - Assessing any repairs or remedial cementing required to isolate all oil or gas bearing zones, discrete pressure zones and potable water zones, including consideration of any lost circulation zones.

2. A proposed final wellbore diagram reflecting the updated Abandonment Program Steps (e.g. removal of tubing packer/string and location of permanent bridge plug and cement).

REQUEST:

Please submit:

- An updated Abandonment Program with steps that meet the requirements of Section 6A of the Guidelines which requires the evaluation of cement behind the casing string(s) before beginning abandonment operations; and
- A proposed final wellbore diagram reflecting the updated Abandonment Program steps.