



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

January 15, 2021

Dear John Hawkins:

Information Request No. 1: Paramount Resources Ltd. Application to Alter the Condition of a Well – Mount Coty I-02 Well (ACW- 2020-004-PAR-I-02-WID1884)

On December 18, 2020, the Office of the Regulator of Oil and Gas Operations (OROGO) received a complete application from Paramount Resources Ltd. (Paramount) for an Application to Alter the Condition of a Well (ACW). The ACW covers the proposed abandonment of the Mount Coty I-02 well operated by Paramount in the Fort Liard area of the Northwest Territories.

OROGO has reviewed the information provided by Paramount and requires additional information in order to complete its review of Paramount's ACW application, as set out in the attached Information Request No. 1.

Please send your written responses and any associated correspondence to Peter Lennie-Misgeld at oro.go@gov.nt.ca or through OROGO's secure file transfer site, on or before 4:00 pm on February 15, 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. 1

Information Request No. 1
ACW-2020-004-PAR-I-02-WID1884

1.1 Retrievable Packer

Preamble:

In the Paramount Resources Ltd. (Paramount) application for a well approval received December 17, 2020, Paramount is proposing to set a permanent bridge plug at approximately 873 mKB, which is greater than 15 meters from the Fantastque perforations.

Section 6A of the Office of the Regulator of Oil and Gas Operations (OROGO) *Well Suspension and Abandonment Guideline and Interpretation Notes* (Guidelines) requires a permanent bridge plug to be set within 15 vertical meters of the top of a perforation.

The abandonment program does not include steps to attempt removal of the retrievable packer at 882.3 mKB, which would allow for the bridge plug to be set within 15 m of the perforations.

Request:

Paramount is requested to submit an updated abandonment program that includes:

- Steps to remove the Baker 'M' Retrievable Packer at 882.3 mKB and the setting and pressure testing of a bridge plug within 15 meters of the top of the Fantastque perforations; and
- Alternate program steps to complete the abandonment in the event that the attempts to remove the Baker 'M' Retrievable Packer at 882.3 mKB are not successful. This may require Paramount to request an exemption for the placement of the permanent bridge plug greater than 15 meters from the top of the Fantastque perforations.

1.2 Cut and Capping Procedures

Preamble:

In the Paramount Resources Ltd. (Paramount) application for a well approval received December 17, 2020, Paramount references the attached Cut Capping Procedures

2008.xls in step 33 of the abandonment program. Paramount also identified using a water hydrojet vented cap system as an alternative.

Neither this attachment nor information on the alternative hydrojet vented cap system was included as part of this well approval application.

Request:

Paramount is requested to submit the following:

- Copy of the Cut Capping Procedures 2008.xls document; and
- Information describing the water hydrojet vented cap system.