



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

July 11, 2023

Dear John Hawkins:

Decision: Variation to ACW-2022-PAR-M-25-WID1867

On July 11, 2023, the Office of the Regulator of Oil and Gas Operations (OROGO) received an application from Paramount Resources Ltd. (Paramount) to vary ACW-2022-PAR-M-25-WID1867 for the abandonment of the Liard M-25 well (WID1867). Paramount is requesting a change to the abandonment program.

The Regulator, designated under section 121 of the *Oil and Gas Operations Act* (OGOA), may issue an Operations Authorization under section 10(1) of that act, subject to any Well Approvals that the Regulator may require under section 10(4) of OGOA. The Regulator may vary the terms of an Operations Authorization under section 10(6) of OGOA, including the terms of a Well Approval. On August 2, 2020, the Commissioner in Executive Council designated me as the Regulator under section 121 of OGOA.

I have reviewed Paramount's description of its proposed activity and find that the application demonstrates that this activity will be conducted safely, without waste and without pollution, in compliance with the *Oil and Gas Drilling and Production Regulations*. Therefore, Paramount's application for a variation is approved, subject to the terms contained in the attached Well Approval.

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Paramount must post a copy of the attached Well Approval in a clearly visible location at the work site.

Sincerely,



Pauline de Jong
Regulator

Encl. Well Approval ACW-2022-PAR-M-25-WID1867 variation 1

- c. Corey Thomson, Paramount Resources Ltd.
Tim Wood, Paramount Resources Ltd.
Dusty Schneider, Paramount Resources Ltd.

WELL APPROVAL

Subject to the terms listed below, well approval **ACW-2022-PAR-M-25-WID1867 variation #1** is granted under Section 10 of the *Oil and Gas Operations Act* and Part 2 of the *Oil and Gas Drilling and Production Regulations* to


Company Name	Operating Licence #
Paramount Resources Ltd.	NWT-OL-2014-014
Responsible Officer	Operations Authorization #
John Hawkins, Director Asset Management	2620-D-12-23/2520-D-12-4

for

Well Name and Well ID#	
Liard M-25 (WID1867)	
Type of Work	Region
Abandonment	Dehcho

This approval, originally issued on November 1, 2022, has been varied by the Regulator or its delegate under Section 10(6) of the *Oil and Gas Operations Act*.

This approval expires on **November 1, 2023**.

Issued at	Issued on
Yellowknife, Northwest Territories	July 11, 2023
Issued by	Signature
Pauline de Jong, Regulator	

Additional Terms

1. Paramount Resources Ltd. shall cause the approved work and activities to be conducted in accordance with the requirements of the *Oil and Gas Operations Act* and the *Oil and Gas Drilling and Production Regulations*, as well as any other acts or legislation as may apply.
2. Paramount Resources Ltd. shall cause the approved work and activities to be conducted in accordance with any guidelines or interpretation notes issued by the Regulator under section 18 of the *Oil and Gas Operations Act*.
3. Paramount Resources Ltd. shall cause the approved work and activities to be conducted in accordance with the specifications, standards and other information referred to in its application received August 5, 2022, request for variation received July 11, 2023, and other submissions.
4. Paramount Resources Ltd. shall request approval from the Regulator prior to undertaking any change to or deviation from the authorized work or activities, including but not limited to key personnel, the safety plan, the environmental protection plan and contingency plans.
5. Paramount Resources Ltd. shall notify OROGO of and demonstrate, to the satisfaction of the Regulator, the location of the cement top prior to commencing remedial cementing, as outlined in Step 22 and Appendix 1 of the Wellbore Abandonment Program.
6. Paramount Resources Ltd. shall notify the Regulator of each interval targeted for remedial cementing prior to perforation by sending an email to orogo@gov.nt.ca that includes the depth and anticipated time frame operations will occur. Following completion of each remedial cementing interval, Paramount Resources Ltd. must provide detailed results on the operations including feed rate and cement volume.
7. Paramount Resources Ltd. shall provide all staff and contractors for this program with its Emergency Response Plan and the OROGO 24-hour Incident Reporting phone number (867-445-8551) prior to commencing any work or activity.
8. Paramount Resources Ltd. shall notify OROGO at least 10 days prior to the start of approved operations.
9. Paramount Resources Ltd. shall submit to OROGO certificates and inspection documents for any service rig, well control and associated equipment (including boilers) at least 10 days prior to the rig commencing work.
10. Paramount Resources Ltd. shall submit to OROGO an updated operator contact list for this program prior to any work or activity.
11. Paramount Resources Ltd. shall submit to OROGO a Daily Report outlining all activities undertaken for each day of the operation under this well approval no later than 10:00 a.m. the following day.
12. Paramount Resources Ltd. shall submit to OROGO a completed Change of Well Status form 30 days after the service rig release date or when the operation has been successfully completed.