



NWT OFFICE OF THE REGULATOR OF OIL AND GAS OPERATIONS

Office of the Regulator of Oil and Gas Operations

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Mr. Lloyd Doyle  
Corporate Operating Officer  
Paramount Resources Ltd.  
4700 Bankers Hall West  
888 3 STREET SW  
CALGARY AB T2P 5C5

November 28, 2016

Dear Mr. Doyle

**Information Request No. 1: Paramount Resources Ltd. (Paramount) Application for Approval to Abandon the Fort Liard F-36 Well (well ID 1841) (ACW-2016-003)**

Further to the Paramount Resources Ltd. application dated November 7, 2016, for approval to abandon the Fort Liard F-36 well, the Office of the Regulator of Oil and Gas Operations (OROGO) requires additional information as set out in the attached Information Request No. 1.

Please submit your response on or before 4:00 p.m., Monday, December 5, 2016 or contact OROGO if you are unable to respond within this timeframe. Please send your written responses and any associated correspondence to Mr. James Fulford, Chief Conservation Officer, OROGO.

Pursuant to the *Information Disclosure Consent Form* signed by Paramount, this information request and Paramount's response will be posted on OROGO's public registry.

Should you have any questions, please contact me at (867)767-9097.

Sincerely,

Brian Heppelle  
Senior Advisor, Technical

Attachment

C. Mr. Dick Heenan, Heenan Energy Services Ltd.

Bureau de l'organisme de réglementation des opérations pétrolières et gazières

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BUREAU DE L'ORGANISME DE RÉGLEMENTATION DES OPÉRATIONS PÉTROLIÈRES ET GAZIÈRES DES TNO

**Information Request No. 1**  
**Application to Alter the Condition of a Well**  
**Abandonment of the Fort Liard F-36 Well (well ID 1841)**  
**ACW-2016-003**

- 1) ***Please provide the following additional documents:***
  - a) Updated (most recent) Safety Plan
  - b) Updated (most recent) Environmental Protection Plan
- 2) Page 1 of the abandonment program lists the date of the last workover as March 2006. The Approval to Alter the Condition of a Well form states March 2009 as the last workover date (for abandonment of the Golata formation). ***Please confirm the date of the last workover.***
- 3) Paragraph 2 of the overview (page 2 of the abandonment program) references previous attempts to connect to the on/off connector and packer at 1,383.3 mKB. ***Please provide the workover operations report and daily activity reports showing these attempts.***
- 4) Page 2 of the abandonment program states that additional documents "along with specific extracts, emergency contact numbers, etc." will be available on site. ***Please provide all such documents and extracts.***
- 5) Steps 6-8 of the proposed abandonment program (page 3) outline Paramount's plan to isolate the Mattson and Fantasque perforations. ***Please describe an approach that would result in the discrete isolation of the Mattson and Fantasque perforations.***
- 6) The application does not include information on the location of formation tops. ***Please provide confirmation of the location of formation tops.***
- 7) ***Please provide confirmation that there is no gas migration or surface casing vent flow associated with the Fort Liard F-36 well.***
- 8) OROGO recently received an updated Emergency Response Plan (the *Revised Maxhamish-Shiha-Liard NEB Pipeline Site Specific Supplemental Section* dated August 2016). Page 191 of this document, the *Emergency Response Plan Northwest Territories* (ERP), includes a list of all regulatory reporting requirements and page 198 includes a purported description of OROGO's responsibilities.

Under section 75 of the *Oil and Gas Drilling and Production Regulations*, all incidents and near-misses must be reported to OROGO as soon as circumstances permit. While this requirement is listed in the appendix for Northwest Territories – Reporting Requirements, it is clear that the listed requirements have not been consolidated and prioritized to reflect the primary focus of the ERP.

***Please provide an updated NWT ERP that is specific to Paramount's Operations Authorization under the Oil and Gas Operations Act (including the proposed activity of well abandonment), reflects the primary focus of the ERP and contains an accurate description of OROGO's responsibilities.***