



NWT OFFICE OF THE REGULATOR OF OIL AND GAS OPERATIONS

Office of the Regulator of Oil and Gas Operations

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Angie Stastook
Specialist Asset Liability & EGS
Prairie Provident Resources Canada Ltd.
1110, 640 – 5th AVENUE SW
CALGARY AB T2P 3G4

May 25, 2023

Dear Angie Stastook:

**Information Request No. 1:
South Pointed Mountain L-68 Well Abandonment (ACW-2021-PPR-L-68-WID1207)**

On April 28, 2023, the Office of the Regulator of Oil and Gas Operations (OROGO) received a request from Prairie Provident Resources Canada Ltd. (PPR) to vary its well approval (ACW-2021-PPR-L-68-WID1207) for the abandonment of the South Pointed Mountain L-68 (WID1207)

OROGO has reviewed the information provided by PPR in its original application and its request for variation and requires additional information to complete its review 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 pm on June 12, 2023, 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
South Pointed Mountain L-68 Well Abandonment
(ACW-2021-PPR-L-68-WID1207)

1.1 Zonal Abandonment

Preamble:

Steps 12 to 16 of PPR's revised well abandonment program, submitted on April 28, 2023, identify setting a cement retainer at approximately 3,340 mKB and conducting a squeeze of the Upper and Lower Muskwa perforations at the same time as the Exshaw perforations, then capping the retainer with 50m of cement.

Steps 17 to 28 of the same program identify unlatching from the permanent 'Ultrapack' at the top of the liner (3,214 mKB).

Following these steps, the revised program states the noise temp logs and remedial cementing will be conducted from 3,214 mKB to surface to address the surface casing vent flow (SCVF).

It is unclear how PPR will be able to ensure both the Muskwa and the Exshaw perforations will accept cement to ensure isolation between the zones as required by section 6A of the *Well Suspension and Abandonment Guidelines and Interpretation Notes* (Guidelines).

Additionally, the abandonment of the liner top, in compliance with section 6A of the Guidelines, does not seem to be contemplated in this program as a requirement.

Request:

Submit an updated well abandonment program in compliance with section 6A of the Guidelines that includes:

- Program steps to ensure independent isolation of the Exshaw and Muskwa zones;
- Program steps that provide for abandonment of the liner top above the 'Ultrapack' at 3,214 mKB; and
- An updated proposed wellbore diagram.