



August 10, 2022

OROGO
Department of Industry, Tourism and Investment
Government of the Northwest Territories
P.O. Box 1320
Yellowknife NT
X1A 2L9
Canada

Attn: Ms. Pauline de Jong
Regulator

Re: Monitoring and Inspection of the SW Arrowhead O-15 well (WID1834)

Paramount Resources Ltd. provides the following response to OROGO's request:

1. Installation of a continuous surface casing vent (SCV) monitoring device and data recorder for a period of at least 30 days to assess surface casing vent flow (SCVF);

A 24-hour surface casing vent monitoring device and data recorder was installed at the O-15 well on July 22nd, 2022. As per Mr. Heppelle's onsite guidance a 30-day surface casing vent monitoring device and data recorder was installed at the O-15 well on July 23rd, 2022

2. SCVF testing procedures that meet the requirements of section 4B of the *Well Suspension and Abandonment Guidelines and Interpretation Notes* (Guidelines) for determination of stabilized shut-in surface casing pressure;

The surface casing testing procedure conducted on July 22, 2022 meets the requirements of section 4B of the *Well Suspension and Abandonment Guidelines and Interpretation Notes* (Guidelines) as observed by Mr. Heppelle. No surface casing vent flow was detected.

3. Testing procedures to conduct a well integrity test by pressure testing the casing to 7000 kPa for 10 minutes; and

As per Mr. Heppelle's onsite guidance a well integrity test by pressure testing the casing was conducted on July 23rd, 2022.

4. A second well inspection 30 days following completion of the first well inspection that includes:
 - a. Verification of casing pressures at the wellhead and collection and analysis of any gas produced;
 - b. Data collection from the SCV monitor; and
 - c. Collection and analysis of any gas produced from the SCV.

Paramount will conduct a second well inspection and collect the well monitor and samples (if applicable) after the 30 days shut-in period subject to resources and helicopter availability.

Should you require additional information regarding this application and project please contact me.

Regards,

A handwritten signature in black ink, appearing to read 'John Hawkins', with a long horizontal flourish extending to the right.

John Hawkins, P. Eng.
Director Asset Management
Paramount Resources Ltd.