

## WELLSITE SUMMARY INSPECTION REPORT

|                         |   |                |                                |
|-------------------------|---|----------------|--------------------------------|
| Well/Facility Name:     | Emile Lake A-77                                 | Operator:      | Canadian Natural Resource Ltd. |
| Location of Inspection: | 60° 49' 9" N<br>122° 43' 36" W                  | Access method: | Helicopter                     |
| Site Contractor:        | N/A   | Status:        | Non-compliant suspended        |
| Approval Info           | ACW-2019-010-CNRL-A-77-WID1964<br>Variation # 2 | WID:           | 1964                           |
| Date of Inspection      | 23-FEB-2022                                     | H2S Site:      | Yes                            |

### Summary of Inspection

|                         |                           |  |  |
|-------------------------|---------------------------|--|--|
| <b>Activity on site</b> | N/A                       |  |  |
| <b>Conditions</b>       | <b>Satisfactory (Y/N)</b> | <b>Comments</b>  |  |
| Site Access             | N                         | No wind indicator installed on site (See Photo #2).  |  |
| Well Head Access        | Y                         |  |  |
| Signage                 | Y                         | See Photo #3   |  |
| General Housekeeping    | Y                         | No debris noted on site above snow cover.  |  |
| SCV Open and dead       | N                         | SCV glove test indicated slight vacuum.<br>Unable to verify surface casing valve is open - possibly located under the cellar grating (See Photo #3). |  |

#### Additional Site Hazards:

At the time of the inspection there was no wind indicator installed on the site.

Section 5A of the *Well Suspension and Abandonment Guidelines and Interpretation Notes* states "All wellheads must be safely accessible for inspection and monitoring".

The well site must allow for year-round access to inspect and monitor including winter months when there may be significant snow depth on the ground. This includes the requirements to:

- Ensure safe ingress, egress and access to the well head and valves for inspection and monitoring; and
- Install a wind indicator.

CNRL previously reported the presence of a non-serious surface casing vent flow. The placement of a nitrile glove over the Surface Casing Vent (SCV) indicated a slight vacuum at the time of inspection. The SCV valve was not accessible due to snow and/or cellar grating. The SCV valve must be accessible at all times of year to enable testing and verification that the valve is open.

#### Comments and Summary:

Aside from the issues mentioned above, the installed well head valve handles were chained and locked with some handles removed to prevent tampering. The well head identification sign was secured in place and compliant with the *Well Suspension and Abandonment Guidelines and Interpretation Notes*.

#### Documents Requested/ Collected:

N/A

**Inspection conducted under the authority of the Oil & Gas Operations Act (OGOA) and associated regulations.**

Michael Martin S-004 and C-004 / Brian Heppelle S-001/C-005

Inspected By

18-MAR-2022

Date Signed



Signature of OROGO Chief Safety Officer



Photo #1: Aerial view of Emile Lake A-77.



Photo #2: Well head Emile Lake A-77 – No Wind Indicator



Photo #3: Emile Lake A-77 - Well head identification sign – Surface Casing Valve not accessible