



NWT OFFICE OF THE REGULATOR OF OIL AND GAS OPERATIONS

Office of the Regulator of Oil and Gas Operations

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James Ireland  
Manager, Abandonment Engineering  
Canadian Natural Resources Ltd.  
SUITE 2100, 855 2 ST SW  
CALGARY AB T2P 4J8

January 11, 2023

Dear James Ireland:

### **Inspection of the Arrowhead River C-55 Well (WID1979)**

On July 21, 2022, Mr. Brian Heppelle, Safety Officer and Conservation Officer under section 105 of the *Oil and Gas Operations Act*, inspected the Arrowhead River C-55 well (WID1979), operated by Canadian Natural Resources Ltd. (CNRL). Mr. Heppelle has since left the Office of the Regulator of Oil and Gas Operations (OROGO). He did not complete an *OROGO Well Inspection Summary Report* for the Arrowhead River C-55 well inspection before he left.

In the absence of an *OROGO Well Inspection Summary Report*, I am sharing the results of our review of Mr. Heppelle's field notes and photographs taken during the inspection.

Mr. Heppelle's notes indicate that the Arrowhead River C-55 well was in satisfactory condition except:

- There is brush or debris within 25 meters of the wellhead.
- The wind indicator is not functional.
- The well sign is mounted so that it cannot be read from the ground.

On October 11, 2022, CNRL submitted a *Well Inspection Report* for the Arrowhead River C-55 well, confirming that wind indicator is functional and the well sign is visible from the ground. The *Well Inspection Report* does not indicate that brush and debris has been cleared within 25 meters of the wellhead. Clearing brush and debris within 25 meters of the wellhead is necessary to ensure safe access to the site by helicopter. As the Arrowhead River C-55 well is being abandoned during the winter 2023 work season, please note that all equipment and debris on the site must be removed within 12 months of the abandonment of the well, as required under the *Well Suspension and Abandonment Guidelines and Interpretation Notes*.

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If you have any questions about the results of this inspection, please contact OROGO at [orogo@gov.nt.ca](mailto:orogo@gov.nt.ca) or 867-767-9097.

Sincerely,



Pauline de Jong  
Regulator

c. Ryan Munro, CNRL