



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 I-75 Well (WID1981)**

On July 20, 2022, Mr. Brian Heppelle, Safety Officer and Conservation Officer under section 105 of the *Oil and Gas Operations Act*, inspected the Arrowhead River I-75 well (WID1981), 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 I-75 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 his field notes and photographs taken during the inspection.

Mr. Heppelle's notes indicate that the Arrowhead River I-75 well was in satisfactory condition except:

- There is brush or debris within 25 meters of the wellhead.
- Some valves on the wellhead are not chained and locked.
- There is no wind indicator on the wellsite.
- There are valves in the cellar.

On October 11, 2022, CNRL submitted a *Well Inspection Report* for the Arrowhead River I-75 well, confirming that a wind indicator has been installed and the valves on the wellhead are chained and locked. The *Well Inspection Report* does not indicate any repairs to the valve access. However, the Arrowhead River I-75 well is being abandoned during the winter 2023 work season, at which point the valves will be removed, along with the remainder of the wellhead. *The Well Inspection Report* also does not indicate brush and debris has been cleared within 25 meters of the wellhead. Clearing brush and debris within 25 meters of the wellhead is

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necessary to ensure safe access to the site by helicopter. As the well is being abandoned, 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*.

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