

**Canadian Natural Resources Ltd. (CNRL)**  
**Application to Alter the Condition of a Well (ACW-2019-012-CNRL-I-75-WID1981)**  
**Information Request No. 2**

**1.1 Isolation of Porous Zones**

**Preamble:** CNRL's abandonment program identifies three porous zones (Keg River, Headless and Landry) in the open hole section of the well. In its response to IR No. 1, CNRL did not provide sufficient geological evidence, interpretation and supporting information to support its claim "that there are no discrete zones which require isolation in the open hole section" nor did CNRL demonstrate how it would ensure compliance with section 56 of the *Oil and Gas Drilling and Production Regulations* (OGDPR), which requires the isolation of all oil or gas bearing zones and discrete pressure zones.

**Request:** Please submit detailed geological evidence, interpretation and supporting information (e.g. strip logs, well reports, geological reports) that clearly demonstrate the geology of the open hole section and how CNRL will ensure compliance with Section 56 of the OGDPR for the three identified porous zones in the open hole section.