

January 3, 2024

7750-2885-32640-60

Patrick Callin, P.Eng.  
Exploitation Engineer  
Canadian Natural Resources Limited  
2500, 855-2<sup>nd</sup> St SW  
Calgary, AB T2P 4J8

Dear Mr. Callin:

**RE: OBSERVATION WELL STATUS APPROVAL  
CNRL SEPTIMUS 13-9-81-18 (WA# 25459)  
SEPTIMUS FIELD – CADOMIN-NIKANASSIN FORMATION**

The BCER has reviewed a request from Canadian Natural Resources Limited (CNRL) received December 12<sup>th</sup>, 2023 seeking observation well status for the subject well.

The Drilling and Production Regulation Part 1 defines an observation well as “a well or a portion of a well designated as an observation well under section 2 (7)”.

- 2 (7) An official may designate a well as an observation well if
- a) the well is being used to monitor reservoir pressures or to obtain other formation information, and
  - b) the well is not used to produce from, or inject or dispose of fluids into, a formation being monitored.

The subject well was drilled in 2009 and was completed in the Halfway formation for disposal in 2014. The well disposed of 16,800 m<sup>3</sup> of water from 2014 to 2017 and was suspended in 2020. CNRL proposes to zonally abandon the Halfway formation and perforate the Cadomin-Nikanassin zone to observe the reservoir pressure in the regionally extensive disposal zone.

Approval of observation status is granted for CNRL Septimus 13-9-81-18 (WA# 25459), for the Septimus field, Cadomin-Nikanassin formation, with the following requirements;

- conduct one reservoir pressure test in the well every year

All reservoir pressure tests conducted must be submitted to the Regulator within 60 days of the end of the test.

Approval Order 14-02-008 for use of the subject well for disposal of produced water into the Halfway formation, is hereby terminated.

Should you have any questions, please contact Logan Gray at (250) 419-4465 or the undersigned at (250) 419-4430.

Sincerely,



Ron Stefik, P.L.Eng.  
Supervisor, Reservoir Engineering  
Energy Regulator