

May 2, 2022

8100-4900-59240-16

Matthew Elms, P.Eng.
Exploitation Engineer
Canadian Natural Resources Ltd.
2500, 855 – 2nd St. S.W.
Calgary, AB T2P 4J8

Dear Mr. Elms:

**RE: ACID GAS DISPOSAL APPROVAL ORDER 17-16-002 (AMENDMENT #1)
RESERVOIR PRESSURE TESTING
CNRL W STODDART 8-29-87-21; WELL PERMIT #10347
STODDART WEST FIELD – DOIG “E” POOL**

Commission staff have reviewed the email dated March 24, 2022 from Canadian Natural Resources Limited (CNRL) requesting a one year delay in the pressure testing requirements for the subject acid gas disposal well. The well, at 8-29-87-21W6, was approved for acid gas disposal in March 2017 into the depleted Doig E oil pool under OGAA Order 17-16-002. Pressure testing was last conducted in March 2017 and, as per condition 2m) of the approval, is required again no greater than 5 years from the previous test.

It is noted that the subject well has been successfully injecting acid gas since September 2018, with reservoir pressure testing completed at nearby observation well CNRL HZ W Stoddart 11-29-87-21 (WA9971) in Oct 2020. Progress reports have been submitted for each six-month period, as required by the acid gas injection approval.

Given the low pressure of this pool as confirmed at the observation well 11-29, that the subject well 8-29 has not yet been operational for 5 years, and the compliance with annual reporting, the Commission accepts the proposal for a delay in the pressure testing. The Commission understands that testing will occur during maintenance turnaround of the Stoddart gas plant in the summer of 2023. Please ensure all disposal wells are shut-in and inactive during testing, to obtain a static reservoir pressure measurement.

Note that testing of the observation well at 11-29 is required prior to December 31, 2022.

Sincerely,



Ron Stefik, P.L.Eng.
Supervisor, Reservoir Engineering
Oil and Gas Commission