

July 10, 2020

6230-4805-59240-09

Lynn Wood, P.Eng.
Exploitation Engineer – BC North
Canadian Natural Resources Limited
2500, 855 – 2nd St SW
Calgary, AB T2P 4J8

Dear Lynn Wood:

**RE: PRESSURE MAINTENANCE WATERFLOOD CANCELLATION
MUSKRAT FIELD – LOWER HALFWAY ‘A’ POOL – DEVON PROJECT**

The Commission is presently reviewing and amending waterflood approvals to conform to current requirements. The waterflood project in the Muskrat field, Lower Halfway ‘A’ Pool, approved on January 10, 2003, has been reviewed by Commission staff. Table 1 lists the completed wells in the subject project. Commission records for the project indicate that water injected ceased in October of 2015. On June 2nd, 2020, Canadian Natural Resources Limited indicated to the Commission via email that they had no plans to restart injection operations and concurred that cancellation of the approval is appropriate.

Table 1 Wells in the Muskrat field, Lower Halfway ‘A’ Pool, Devon Project

| WA # | Well Name | Mode | Fluid | Operation | UWI |
|-------|--------------------------------|------|-------|-----------|-----------------------|
| 9401 | CNRL et al Muskrat 7-13-87-18 | ABAN | OIL | PROD | 100/07-13-087-18W6/00 |
| 9421 | CNRL et al Muskrat 11-13-87-18 | ABNZ | OIL | PROD | 100/11-13-087-18W6/00 |
| 15459 | CNRL et al Muskrat B7-13-87-18 | ABNZ | WATR | INJ | 100/01-13-087-18W6/00 |

The pressure maintenance waterflood project approval #03-09-001 for the Muskrat field, Lower Halfway ‘A’ Pool, is hereby cancelled, under the authority of OGAA section 75(2)(b)(iii).

Please contact Logan Gray at (250) 419-4465 or the undersigned at (250) 419-4430 should you have any questions.

Sincerely,



Ron Stefik, EngL
Supervisor, Reservoir Engineering
Oil and Gas Commission