

May 29, 2020

5560-4800-59240-09

Brittany Jorgensen, P.Eng.  
Exploitation Engineer  
Canadian Natural Resources Limited  
2500, 855 – 2nd St SW  
Calgary, AB T2P 4J8

Dear Ms. Jorgensen:

**RE: PRESSURE MAINTENANCE WATERFLOOD CANCELLATION  
LAPP FIELD – HALFWAY ‘C’ POOL – CNRL PROJECT**

The Commission is presently reviewing and amending waterflood approvals to conform to current requirements. The waterflood project in the Lapp field, Halfway ‘C’ Pool, approved on January 21, 1998, has been reviewed by Commission staff. Table 1 lists the completed wells in the subject project. Commission records for the project indicate that water injection ceased in March of 2017. On May 29<sup>th</sup>, 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 Lapp field, Halfway ‘C’ Pool, CNRL Project*

| WA #  | Well Name                 | Mode | Fluid | Operation | UWI                     |
|-------|---------------------------|------|-------|-----------|-------------------------|
| 10465 | CNRL Lapp d-49-C/94-H-10  | SUSP | OIL   | PROD      | 200/D-049-C 094-H-10/00 |
| 12760 | CNRL Lapp b-A58-C/94-H-10 | SUSP | OIL   | OBS       | 202/B-058-C 094-H-10/00 |
| 12761 | CNRL Lapp d-48-C/94-H-10  | SUSP | WATR  | INJ       | 200/D-048-C 094-H-10/00 |
| 13629 | CNRL Lapp a-59-C/94-H-10  | SUSP | OIL   | PROD      | 200/A-059-C 094-H-10/00 |
| 13630 | CNRL Lapp b-B58-C/94-H-10 | SUSP | OIL   | PROD      | 203/B-058-C 094-H-10/00 |
| 13632 | CNRL Lapp a-48-C/94-H-10  | SUSP | OIL   | PROD      | 200/A-048-C 094-H-10/00 |
| 14825 | CNRL Lapp d-38-C/94-H-10  | SUSP | OIL   | PROD      | 200/D-038-C 094-H-10/00 |
| 16001 | CNRL Lapp b-C58-C/94-H-10 | SUSP | OIL   | PROD      | 200/A-058-C 094-H-10/00 |
| 10055 | CNRL Lapp c-48-C/94-H-10  | ABNZ | WATR  | INJ       | 200/C-048-C 094-H-10/00 |
| 10449 | CNRL Lapp b-58-C/94-H-10  | ABAN | OIL   | PROD      | 200/B-058-C 094-H-10/00 |

The pressure maintenance waterflood project approval # 98-09-002 for the Lapp field, Halfway ‘C’ Pool, is hereby cancelled.

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