

2019 ABAER 003

Canadian Natural Resources Limited

Applications 1909609, 1909610, 1909611, 1909612, 1909613, 1909687, 1909722, 346479, and 346501

Decision

[1] Having reviewed applications 1909609, 1909610, 1909611, 1909612, 1909613, 1909687, 1909722, 346479, and 346501, and noting that the participant has withdrawn the statement of concern, the Alberta Energy Regulator (AER) has decided that a hearing is no longer necessary and directs authorized staff to disposition the applications.

Applications

[2] Canadian Natural Resources Limited (Canadian Natural) applied to the AER under section 39(1)(b) of the *Oil and Gas Conservation Act* for approval to amend a facility licence and add two electrically driven water-injection pumps to an existing sour oil facility. The maximum hydrogen sulphide (H_2S) concentration would be 9.9 moles per kilomole (0.99 per cent) with an emergency planning zone (EPZ) of 0.23 kilometres (km).

[3] Canadian Natural also applied under section 2.020 of the *Oil and Gas Conservation Rules* to drill and operate seven horizontal wells to target crude oil in the Sunburst member and re-enter two existing vertical wells for injection purposes. The maximum H_2S concentration of the wells would be 17 moles per kilomole (1.7 per cent) with an EPZ of 0.23 km.

[4] Canadian Natural also applied under the *Pipeline Act* to construct and operate two gathering systems with a total of eleven lines. Five lines would transport salt water and have an H_2S content of 9.9 moles per kilomole (0.99 per cent) and an EPZ of 0.1 km. Six lines would transport oil effluent and have an H_2S content of 9.9 moles per kilomole (0.99 per cent) and an EPZ of 0.1 km. The eleven lines would be of various lengths; the longest would be 3.02 km long and have a maximum outside diameter of 219.1 millimetres.

[5] The project would be 4.51 km east of Brooks, Alberta.

[6] G.W. Murray V and G.W. Murray Ranches Ltd. filed a statement of concern on June 19, 2018, and a request to participate in the hearing on March 26, 2019.

Discussion

[7] On June 14, 2019, the AER received a signed withdrawal of the statement of concern and request to participate.

[8] Accordingly, a public hearing will not be held.

Dated in Calgary, Alberta, on June 19, 2019.

Alberta Energy Regulator

C. Macken
Presiding Hearing Commissioner