

January 5, 2019

3445-6200-32640-60

Brittany Jorgensen, P.Eng
Exploitation Engineer
Canadian Natural Resources Limited
Suite 2100, 885 – 2nd Street SW
Calgary, Alberta, T2P 4J8

Dear Ms. Jorgensen,

**RE: OBSERVATION WELL STATUS APPROVAL
CNRL ET AL W EAGLE 16-12-85-19 (WA 4453)
EAGLE WEST – BELLOY A**

BC Oil and Gas Commission (Commission) staff have reviewed the December 12, 2018 application from Canadian Natural Resources Limited (CNRL) seeking observation well designation for CNRL et al W Eagle 16-12-85-19 (WA 4453).

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 1978 and the Belloy formation was completed for the purpose of oil production; producing from 1978 to 1980. In 1981 the well was repurposed for water injection and injected water into the Belloy formation from 1981 until 2017.

CNRL requests use of this well to monitor water flood pressure dissipation in the Eagle West, Belloy “A” pool.

Approval of observation status is granted for CNRL et al W Eagle 16-12-85-19 (WA 4453), for the Belloy “A” pool, with the following requirement;

- conduct a reservoir pressure test annually using downhole recorders.

Please be reminded that all reservoir pressure tests conducted must be submitted to the Commission within sixty days of the date on which the pressure was measured.

Should you have any questions, please contact Kathryn Archibald at (250) 419-4406 or the undersigned at (250) 419-4430.

Sincerely,



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