

December 22, 2017

3445-6200-55140-13

Heather Griffiths, P. Eng
Exploitation Engineer
Canadian Natural Resources Limited
2100, 855 – 2nd Street SW
Calgary, AB T2P 4J8

Dear Mrs. Griffiths:

**RE: TEMPORARY NATURAL GAS INJECTION APPROVAL
SECTION 75, OIL AND GAS ACTIVITIES ACT
CNRL EAGLE WEST FIELD – BELLOY “A” POOL**

Commission staff have reviewed the application, dated December 21, 2017, requesting approval for temporary injection of natural gas into well CNRL et al W Eagle 6-3-85-18 (WA 3822).

CNRL informed the Commission on November 23, 2017 of temporary flaring/incinerating for three CNRL batteries as a result of an Enbridge Oak pipeline outage due to a landslide. The stated estimate of the Oak pipeline reactivation is late February 2018. As an alternative to flaring of solution gas associated with continued oil production, gas injection in the nearby partially depleted Eagle West Belloy “A” pool will result in gas conservation for beneficial future production. It is noted that the injected gas is slightly sour and will require operational consideration when produced back.

Attached is **Order 17-13-001**, as a Special Project under section 75 of the *Oil and Gas Activities Act*, designating temporary gas injection within the Eagle West field – Belloy “A” pool.

The requirement of section 74 of the *Drilling and Production Regulation*, that the quantity of gas injected be metered, can be fulfilled with existing measurement at the production battery. However, the injection pressure must be measured and recorded at the wellhead.

Please note that, as per section 75 of the *Drilling and Production Regulation*, a record of the volume of gas injected must be included on a Monthly Injection or Disposal Statement (BC-S18). This statement must be submitted to the Commission no later than the 25th day of the month in which activity occurred. Royalty consideration of produced and injected/stored gas will be determined between the proponent and the Ministry of Finance.

Should you have any questions, please contact Petra Kriescher-Trudgeon at (250) 419-4415 or the undersigned at (250) 419-4430.

Sincerely,



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

IN THE MATTER of an application from Canadian Natural Resources Ltd. to the Commission dated December 21, 2017 for a temporary holding of natural gas project.

ORDER 17-13-001

- 1 Under Section 75(1)(a) of the *Oil and Gas Activities Act*, the Eagle West - Belloy "A" pool is designated as a special project for temporary holding of natural gas within the following area;

DLS Twp 85 Rge 18 – Section 3

- 2 Under section 75(2) of the *Oil and Gas Activities Act*, I specify the following:
- a) Natural gas may be injected and re-produced through the well CNRL et al W Eagle 6-3-85-18 (WA 3822).
 - b) Metering of the injected gas is not required at the point of injection.
 - c) The gas injection period shall not exceed 90 days.
 - d) The injection pressure at the surface must not exceed 21,000 kPa.
 - e) Injection pressure at the wellhead must be continually measured and recorded.
 - f) This operation is subject to any other related approvals that may be issued by the Oil and Gas Commission or the Ministry of Finance.



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

DATED AT the City of Victoria, in the Province of British Columbia, this 22nd day of December, 2017.