

May 5, 2017

6430-2850-32640-60

Lynn Wood, P.Eng  
Exploitation Engineer – BC South  
Canadian Natural Resources Ltd.  
Suite 2500, 885 – 2nd Street SW  
Calgary, Alberta, T2P 4J8

Dear Ms. Wood,

**RE: OBSERVATION WELL DESIGNATION WITHDRAWAL  
CNRL NOEL b-18-F/93-P-8 (WA 13130)  
NOEL – NIKANASSIN “D”**

The BC Oil and Gas Commission (Commission) is presently reviewing observation wells, to confirm the suitability of this status and amend or rescind approvals, to conform to current requirements. Staff have reviewed the observation well in the Noel field, Nikanassin “D” pool; CNRL Noel b-18-F/93-P-8 (WA 13130).

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 2000 and the Nikanassin formation was completed for the purpose of gas production. In February 2001, the Cadomin formation was completed for the purpose of gas production. The two events were commingled in 2001 and produced from 2001 to 2008. The status of the Nikanassin completion event was changed to observation in July 2011. The most recent reservoir pressure test conducted on the subject well is dated July 2009.

The requirement to use the subject well to monitor reservoir pressures or to obtain other formation information is not being met. The observation well designation for CNRL Noel b-18-F/93-P-08 (WA 13130), will be withdrawn as of June 2, 2017, and the status will revert to active gas production unless a valid reason for designation is provided to this office prior to that date.

Should you have any questions, please contact Kathryn Archibald at (250) 419-4457 or the undersigned at (250) 419-4430.

Sincerely,



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