

July 31, 2017

7600-4520-32640-60

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Engineering Technologist, Conventional, Engineering  
Pengrowth Energy Corporation  
2100, 222- 3<sup>rd</sup> Avenue SW  
Calgary, AB T2P 0B4

Dear Mr. Whiting-Hewlett,

**RE: OBSERVATION WELL STATUS APPROVAL  
PENGROWTH ET AL RIGEL 2-28-88-18 (WA 10957)  
RIGEL – CECIL 'I'**

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 Rigel field, Cecil 'I' pool; Pengrowth et al Rigel 2-28-88-18 (WA 10957).

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 1997 and the Cecil formation was completed for the purpose of oil production; producing from 1997 to 2000. The status of the Cecil completion event was updated to observation in December 2004. The most recent pressure test on file for the subject well is dated November 2015.

Approval of observation status is granted for Pengrowth et al Rigel 2-28-88-18 (WA 10957), for the Cecil 'I' pool, with the following requirements;

- conduct a reservoir pressure test annually.

Please be reminded that the Rigel – Cecil 'I' pool is subject to the annual pressure testing requirements outlined in Section 73 of the Drilling and Production Regulation. All reservoir pressure tests conducted must be submitted to the Commission within 60 days after the date on which the pressure was measured.

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

Sincerely,



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