



December 17, 2018

7750-2800-32640-02

Brad Makowecki  
Senior Exploitation Engineer  
Crew Energy Inc.  
800, 250 – 5<sup>th</sup> Street S.W.  
Calgary, AB T2P 0R4

Dear Mr. Makowecki:

**RE: PRODUCED WATER DISPOSAL SPECIAL PROJECT AMENDMENT #1  
HYDRAULIC ISOLATION TEMPERATURE LOG EXTENSION  
CREW SEPTIMUS 15-29-81-18; WA# 18558  
SEPTIMUS FIELD - CADOMIN FORMATION**

BC Oil and Gas Commission (Commission) staff have reviewed your application dated December 11, 2018, to defer the hydraulic isolation temperature isolation log to the first quarter of 2019.

Approval for disposal of produced water, Order 13-02-001, was issued for the subject well, Cadomin formation, on January 22, 2013. The subject well was drilled in 2004 and commenced disposal in April 2013. The Cadomin formation has had a reservoir pressure test conducted on an annual basis, demonstrating that the formation pressure remains below the maximum formation pressure approved. The 2018 required packer isolation test was completed in early December.

The requirement outlined in Order 13-02-001 Amendment #1, condition 2k)ii) to perform a hydraulic isolation temperature log on the subject well and submit results to the Commission within 30 days of the completion of logging, at an interval of not more than every 5 years, commencing from the date of initial disposal, is hereby deferred. The hydraulic isolation temperature log must be completed on the subject well no later than **March 31, 2019**. The log must be submitted to the Commission within 30 days of the run date.

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

Sincerely,

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