



OIL AND GAS COMMISSION

April 19, 2007

9000-2200/2400 & 2700/2800/2850-59070-20

Chris Dittaro  
Senior Engineering Technologist  
ConocoPhillips Canada  
PO Box 4365, Postal Station C  
CALGARY, AB T2T 5N2

Dear Ms Dittaro:

**RE: INTERIM COMMINGLED PRODUCTION APPROVAL**  
**BRC HTR et al OJAY c-8-B/93-I-16; WA# 22204**

The OGC has reviewed your application dated April 4, 2007 for interim approval to commingle gas production from the Cadotte and Notikewin as well as the Gething, Cadomin and Nikanassin formations in the subject well.

The subject well has recently been drilled and is currently awaiting completion. Based on available data from the offsetting wells, two distinct pressure regimes are noted; sub-normal for the upper zones (Cadotte and Notikewin) and normal for the lower zones (Gething, Cadomin and Nikanassin). Gas compositions are similar for zones in each pressure regime. ConocoPhillips has committed to running a dual string to allow segregated production from the two pressure regimes. Accordingly, it is proposed that the upper two zones will be produced through the short string, and the lower three zones will be produced through the long string.

The Cadotte and Gething appear to be marginal producing zones whereas the Notikewin, Cadomin and Nikanassin are the primary producing zones. We concur that commingling of the marginal zones with the primary zones should result in maximization of production and reserve recovery.

We wish to advise you that your application to commingle production is hereby granted **interim** approval, under the authority of Section 41 of the *Drilling and Production Regulation*, subject to the following conditions being met:

1. A production test must be completed to establish the AOF, and initial reservoir pressure for the Cadotte and Notikewin zones and reports filed as per the requirements of section 84 and 95 of the Regulation.
2. A production test must be completed to establish the AOF and initial reservoir pressure for the commingled Gething, Cadomin and Nikanassin zones, and reports filed as per the requirements of Sections 84 and 95 of the *Regulation*.
3. A formal application for commingled production must be submitted with supporting test data, spinner survey results, gas analysis and proposed allocation factors for production reporting both gas and liquids.
4. Formal approval for commingled production will not be authorized until all of the conditions above have been met.

Should you have any questions, please contact the undersigned at (250) 952-0366.

Sincerely,

Richard Slocomb, P. Eng.  
Supervising Reservoir Engineer

---

**RESOURCE CONSERVATION BRANCH**

PO Box 9329 Stn Prov Gov't, Victoria BC V8W 9N3 Tel: (250) 952-0302 Fax: (250) 952-0301  
Location: 6<sup>th</sup> Flr 1810 Blanshard St. Victoria BC

Headquarters: #200, 10003 110<sup>th</sup> Ave, Fort St. John BC V1J 6M7 Tel: (250) 261-5700 Fax: (250) 261-5744 www.ogc.gov.bc.ca