



October 19, 2001

2960-2700/2800-59070-20  
OGC - 01190

Shauna J. Clarey  
Engineering Technician  
Calpine Canada Resources Ltd.  
1800, 421 - 7<sup>th</sup> Avenue S.W.  
CALGARY AB T2P 4K9

Dear Ms. Clarey:

**RE: APPLICATION FOR COMMINGLED PRODUCTION  
CALPINE ET AL CECIL 15-17-84-17 W6M; WA# 8862**

The Commission has reviewed your application dated October 2, 2001, requesting permission to commingle gas production from the Gething and Cadomin zones encountered in the subject well.

The Commission has designated the gas pools under application to be the Cecil Lake - Gething "A" and Cadomin "A". Gas compositions are similar for the two pools. The Cadomin appears to effectively depleted, therefore any potential crossflow should be from Gething to Cadomin. There are no equity concerns as Calpine operates all wells in the two pools. Commingled completion is expected to increase recoverable gas reserves.

We wish to advise you that your application to commingle production is hereby approved, under the authority of section 41 of the *Drilling and Production Regulation*, subject to the following conditions:

1. Production from the Gething (997.0-1003.5 mKB) and Cadomin (1044.7-1049.7 mKB) zones may be commingled.
2. Gas, condensate and water production should be allocated on the Ministry of Energy and Mines BC S-1 and BC S-2 forms on the basis of Gething 100% and Cadomin 0%.
3. This approval may be modified at a later date if deemed appropriate through a change in circumstances.

Sincerely,

Craig Gibson, P.Eng.  
Manager  
Reservoir Engineering and Geology

**Approval Letters to Industry  
COMMINGLED PRODUCTION**

Copy 8

<input type="checkbox"/>	Wellfile (originals)
<input type="checkbox"/>	59070-20
<input type="checkbox"/>	Daily
<input type="checkbox"/>	Resource Revenue
<input type="checkbox"/>	R. Stefik
<input type="checkbox"/>	G. Farr
<input type="checkbox"/>	P.S. Attariwala
<input type="checkbox"/>	D. Krezanoski

**ENGINEERING AND GEOLOGY BRANCH**

PO Box 9329 Stn Prov Gov't, Victoria BC V8W 9N3 Tel: (250) 952-0302 Fax: (250) 952-0291  
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) 261-5729 Fax: (250) 261-5744 www.ogc.gov.bc.ca