



**BRITISH  
COLUMBIA**

August 14, 1998

Copies for Approval Letters to Industry (9)

RE: **Commingled Production**

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

93P9H29-59070-20  
980642

Mr. Steve Raffa  
Completions Engineer  
AEC West  
3700 707 8<sup>th</sup> Ave SW  
Calgary AB T2P 1H5

Dear Mr. Raffa:

**RE: APPLICATION FOR COMMINGLED PRODUCTION**  
**AEC SWAN a-29-H/93-P-9; WA# 10385**

The Ministry has reviewed your application dated July 13, 1998, requesting permission to commingle gas production from the upper and lower Montney zones encountered in the subject well.

Reservoir pressure and fluid composition are similar for these pools. Commingling would increase the producing life of the well, thereby increasing the recoverable reserves. We wish to advise you that your application to commingle production from these zones is hereby approved, under the authority of Section 44 of the *Drilling and Production Regulation*, subject to the following conditions:

1. Production from the upper Montney (2448.0 - 2463.0 mKB) and lower Montney (2659.5 - 2692.0 mKB) zones may be commingled.
2. Gas, condensate and water production should be allocated on the BC S-1 and BC S-2 forms on the basis of upper Montney 76% and lower Montney 24%.
3. This approval may be modified at a later date if deemed appropriate through a change in circumstances.

Sincerely,

B. van Oort, P. Eng.  
Director  
Engineering and Operations Branch

PSA/mef

**Ministry of  
Energy and Mines**

Energy and Minerals Division  
Engineering and Operations Branch

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