



OIL AND GAS COMMISSION

August 14, 2002

380-4582/4800-59070-20  
OGC - 02133

David Penton  
NEBC Growth Team Technologist  
Samson Canada Ltd.  
2400, 300 - 5<sup>th</sup> Avenue S.W.  
CALGARY AB T2P 3C4

Dear Mr. Penton:

**RE: APPLICATION FOR COMMINGLED PRODUCTION  
COURAGE BEAR FLAT 13-33-83-20 W6M; WA# 12629**

The Commission has reviewed your application dated July 31, 2002 requesting permission to commingle gas production from the Charlie Lake and Halfway zones encountered in the subject well.

The Commission has designated the gas pools under application to be the Bear Flat - Bear Flat "C" and Halfway "A". It is noted that both zones are off-target for gas production. However, new pool discovery designations have been granted to both pools. Accordingly, the off-target penalties do not apply.

Gas compositions are similar for the two pools, both being slightly sour. There are no equity concerns as both pools are single well 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 Bear Flat (1307.0-1309.0 mKB) and Halfway (1450.0-1456.0 mKB) zones may be commingled.
2. Gas, condensate and water production should be allocated on the Ministry of Provincial Revenue BC S-1 and BC S-2 forms on the following percentage basis:

	<u>Bear Flat</u>	<u>Halfway</u>
Gas	40	60
Condensate	98	2
Water	96	4

3. This approval may be modified at a later date if deemed appropriate through a change in circumstances.

Sincerely,

Peter Attariwala, P.Eng.  
Supervisor  
Reservoir Engineering

**Approval Letters to Industry  
COMMINGLED PRODUCTION**

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<input type="checkbox"/>	Wellfile (originals)
<input type="checkbox"/>	59070-20
<input type="checkbox"/>	Daily
<input type="checkbox"/>	Resource Revenue
<input checked="" 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