



September 10, 2002

5200-4500/4800-59070-20
OGC - 02148

G.E. Kinsman
Production Engineering
Petro-Canada Oil and Gas
P.O. Box. 2844
Calgary AB T2P 3E3

**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

Dear Mr. Kinsman:

**RE: APPLICATION FOR COMMINGLED PRODUCTION
PC KOBES a-94-I/94-B-8; WA# 12176**

The Commission has reviewed your application dated July 29, 2002 requesting permission to commingle gas production from the Charlie Lake "B" and Halfway "A" pools encountered in the subject well.

Please note that the Charlie Lake stray sands (Coplin, Kobes, Blueberry and Lower Charlie Lake) in the well have been designated by the Commission as the Charlie Lake "B" pool of the Kobes field. As noted in your application, gas compositions and reservoir pressures are similar for both of the pools. Commingled completions should allow potentially marginal zones to be produced, thereby increasing gas recovery.

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

1. Production from the Charlie Lake "B" and Halfway "A" pools 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 basis of Charlie Lake 45 % and Halfway 55%.
3. This approval may be modified at a later date if deemed appropriate through a change in circumstances.

With respect to the well PEX Kobes d-94-I/94-B-8 (WA 141), please note that the Operations Engineering in Fort St. John would handle abandonment of this well.

Sincerely,

Peter Attariwala, P. Eng.
Supervisor,
Reservoir Engineering

ENGINEERING AND GEOLOGY BRANCH

PO Box 9329 Stn Prov Gov't, Victoria BC V8W 9N3 Tel: (250) 952-0302 Fax: (250) 952-0291
Location: 6th Flr 1810 Blanshard St. Victoria BC

Headquarters: #200, 10003 110th Ave, Fort St. John BC V1J 6M7 Tel: (250) 261-5729 Fax: (250) 261-5744 www.ogc.gov.bc.ca