



February 23, 2007

2400/7600-2600/2900-59070-20

Leonard Fabes P.Eng.  
Exploitation Engineer  
Canadian Natural Resources Limited  
2500, 855 – 2<sup>nd</sup> Street SW  
Calgary AB T2P 4J8

Dear Mr. Fabes:

**RE: COMMINGLED PRODUCTION APPROVAL**  
**CNRES BUICK c-99-I/94-A-10; WA# 16044**

Commission staff have reviewed your application dated December 14, 2006 requesting permission to commingle gas production from the Bluesky and Gething formations in the subject well.

The Commission designates the gas pools under application, due to overlapping field boundaries, as the Buick Creek field - Bluesky "C" and Rigel field - Dunlevy "Q".

The Bluesky "C" is a large multi-well pool, with numerous well operating under commingled production approvals. The original completion and stimulation of the Bluesky interval in the subject well resulted in negligible gas flow. The single well Dunlevy "Q" recently ceased to flow, with last reported production rates of only  $0.1 \times 10^3 \text{ m}^3/\text{d}$ . Commingled production by opening an existing sliding sleeve may prompt recovery by alleviating liquid loading, increasing the productive life of the well and thereby maximizing recoverable reserves.

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

1. Production from the Bluesky (1074.0 – 1077.0 mKB) and Dunlevy (1103.0 – 1105.0 mKB) zones may be commingled.
2. Gas, condensate and water production should be allocated on the Ministry of Small Business and Revenue BC S-1 and BC S-2 forms on the basis of Bluesky 50% and Dunlevy 50%. The allocation factors may be amended to reflect results of any future tests.
3. This approval may be modified at a later date if deemed appropriate through a change in circumstances.

Sincerely,

Ron Stefik, AScT  
Sr Reservoir Engineering Technologist

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**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) 261-5729 Fax: (250) 261-5744 [www.ogc.gov.bc.ca](http://www.ogc.gov.bc.ca)