



March 26, 1996

960325

7620-2700-59240-07

Mr. Bill Peterson  
Production Engineer  
Canadian Natural Resources Limited  
2000-425 1st St SW  
Calgary AB T2P 3L8

Copies for Approval Letters to Industry (11)  
RE: Application for Concurrent Production

<input type="checkbox"/>	D.L. Johnson	<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"/>	D. Richardson	<input type="checkbox"/>	S. Chicorelli
<input type="checkbox"/>	Wellfile (originals)	<input type="checkbox"/>	Daily
<input type="checkbox"/>	59240-07		

Dear Mr. Peterson:

**RE: REQUEST FOR CONCURRENT PRODUCTION  
KILLIAM RIGEL 01-16-88-16; WA# 8253  
RIGEL EAST - GETHING 'A' POOL**

Branch staff have reviewed the application from Canadian Natural Resources Limited (CNRL), dated February 22, 1996, requesting concurrent production approval for the subject well.

The well at 1-16 was drilled in September 1993, and completed as an oil well in the Rigel East Gething 'A' pool, a UDOA (unadjusted daily oil allowable) of 16.9 m<sup>3</sup> being approved.

Correlative rights are an issue in this pool, therefore production allowables must be based on mapped reserves as interpreted under each stakeholders lands. Branch information for the CNRL controlled portion of the pool results in a daily gas allowable of only 2.0 e<sup>3</sup>m<sup>3</sup>.

Based on recent test data, the well now produces at an approximate GOR of 5100 m<sup>3</sup>/m<sup>3</sup>, the calculated GOR penalty factor of 0.03 resulting in a DOA of 0.5 m<sup>3</sup>. A comparison calculation of monthly allowable limits shows an advantage to producing under the individual well DOA as opposed to a concurrent approval.

As we can find no merit to a concurrent production approval at this time, your request is hereby denied.

Should you have any questions, please contact the undersigned, at (604) 952-0311.

Sincerely,

P.S. Attariwala  
A/Manager Engineering  
Engineering and Operations Branch

RS/mef