



November 18, 1992

921076A  
WA 4449

Ms. Cassandra K. Lai  
Senior Engineer, Northern District  
Norcen Energy Resources Limited  
715 - 5th Avenue S.W.  
Calgary, Alberta  
T2P 2X7

Dear Ms. Lai:

**RE: APPLICATION FOR COMMINGLED PRODUCTION  
NORCEN AMOCO THUNDER c-27-I/93-I-15 (WA# 4449)  
CHARLIE LAKE AND HALFWAY FORMATIONS**

This acknowledges receipt of your application dated October 21, 1992, requesting permission to commingle production from the Charlie Lake and Halfway formations in the subject well.

We wish to advise that your application is hereby approved (under Part 4, Division 5, section 44.1 of the Drilling and Production Regulation) subject to the following conditions:

1. Production from the Lower Charlie Lake Sands and Halfway formations may be commingled.
2. Gas, condensate and water production should be allocated to the formations on the BC S-1 and BC S-2 forms on the basis of Halfway 85% and Lower Charlie Lake Sands 15%.
3. This approval may be modified at a later date if deemed appropriate through a change of circumstances.

Sincerely,

Bou van Oort  
Acting Director  
Engineering and Operations Branch

RS/mef

*Dec 20/93.  
Spoke to Jim Roberts (NORCEN)  
re this app. They have no  
plans @ the moment to  
tie in or to co-mingle.  
Maybe on the future but  
for new wells are  
"Standing Only"  
Same Gas  
for hard wells.*