



December 20, 2000

4700-7000-32640-02  
OGC - 000294

Mr. Hali Sobkowich  
Well Test Technician  
Penn West Petroleum Ltd.  
Suite 2000  
425 - First Street S.W.  
Calgary, AB T2P 3L8

Dear Mr. Sobkowich:

**RE: SALT WATER DISPOSAL/INJECTIVITY TEST**  
**Penn West Hz Helmet a-34-A/94-P-11, (WA# 12467); Mississippian Formation**

The Commission has reviewed your application dated December 4, 2000 requesting permission to conduct a temporary injectivity test into the Mississippian formation of the subject well.

We concur that the well a-34-A/94-P-11 appears to be a good candidate for salt water disposal. Your request for temporary injectivity is considered appropriate, as it will provide necessary information about the disposal capability in the wellbore.

Approval for temporary injectivity test is hereby granted under Part 8, Division 3, Section 94 of the *Drilling and Production Regulation*, subject to the following conditions;

1. The test water disposal interval must be in the Mississippian formation (401.5 - 428.0 mKB).
2. The total volume of injected water must not exceed 100 m<sup>3</sup>.
3. The disposal/injection pressure at the sandface must not exceed the formation fracture pressure.

Please note that a notice of your application for salt water disposal will be published in the December 28, 2000 and January 4, 2001 issues of the BC Gazette. Formal approval may be granted only if no objections are received by January 18, 2001.

Sincerely,

Craig Gibson, P. Eng.  
Manager  
Reservoir Engineering and Geology

**Approval Letters to Industry**  
**GEP, SWD, CONCURRENT PROD,**  
**PRESSURE MAINTENANCE,**  
**WATERFLOOD, ETC.**

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**ENGINEERING AN**  
PO Box 9329 Stn Prov Gov't, Victoria BC V8'  
Location: 6<sup>th</sup> Flr 1810