



OIL AND GAS COMMISSION

July 14, 2005

8320-2600/2700-32640-02

OGC - 05209

Kevin Gunning, P.Eng.  
Reservoir Engineer  
PENGROWTH CORPORATION  
Petro-Canada Centre - East Tower  
2900, 111 - 5 Avenue S.W.  
Calgary, AB T2P 3Y6

Dear Mr. Gunning:

*p.m.s.  
weekly*

**RE: APPLICATION FOR SALT WATER DISPOSAL/WATER INJECTIVITY TEST  
PENGROWTH ET AL W. WEASEL D-82-C/94-H-2 (WA# 3144);  
BLUESKY & GETHING FORMATIONS**

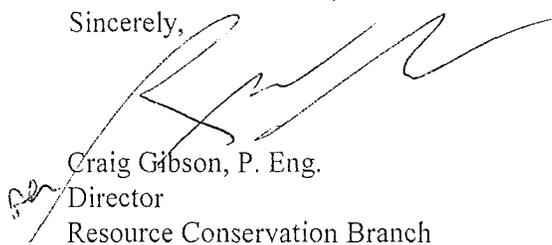
The Commission has reviewed your application dated May 3, 2005 requesting permission to dispose of produced water into the Bluesky formation of the subject well.

The subject well is mapped as part of the Weasel West - Bluesky "A" pool. Pengrowth believes that the Bluesky zone in the subject well is in communication with a wet Gething channel as a result of fracture stimulation. Material balance analysis indicates that only 25-30% of the Bluesky "A" original gas in place has been recovered to date. Salt water disposal into the Bluesky zone may reduce ultimate recoverable reserves. Therefore your request for SWD is considered premature, however a temporary injectivity test would be considered appropriate, as it will provide necessary information to determine if the well is suitable for produced water disposal.

1. The test injection interval must be in the Bluesky (1018.0 - 1020.5 mKB) and Gething (1036.9 - 1045.5 mKB).
2. The total volume of injected water must not exceed 500 m<sup>3</sup>.
3. The disposal/injection pressure at the sandface must not exceed the formation fracture pressure.
4. A temperature log must be run to determine into which zone the water is being disposed.

Please note that a notice of your application for salt water disposal has been published in the May 19 and 26, 2005 issues of the BC Gazette. No objections were received following publication. Formal approval may be granted if injectivity testing and subsequent temperature log information demonstrates that a large portion of the water will be disposed of into the wet Gething channel.

Sincerely,



Craig Gibson, P. Eng.  
Director  
Resource Conservation Branch

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

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<input type="checkbox"/>	Wellfile (originals)
<input type="checkbox"/>	59240
<input type="checkbox"/>	Daily
<input type="checkbox"/>	Resource Revenue
<input type="checkbox"/>	S. Chicorelli
<input type="checkbox"/>	R. Stefik
<input type="checkbox"/>	G. Farr
<input type="checkbox"/>	R. Slocomb
<input type="checkbox"/>	D. Krezanoski