



April 1, 2005

3520-4800-32640-02
OGC – 05110

Murray Roth
Sr. Exploitation Engineer
Penn West Petroleum Ltd.
P.O. Box 1450, Station M
CALGARY, AB T2P 2L6

Dear Mr. Roth:

**RE: APPLICATION FOR SALT WATER DISPOSAL
PENN WEST FIREBIRD a-98-D/94-H-2 (WA# 19124); Halfway Formation**

The Commission has reviewed your application dated March 1, 2005 requesting permission to dispose of produced water into the Halfway formation of the subject well.

We concur that the well a-98-D/94-H-2 is a good candidate for salt water disposal into the Halfway formation. The results of an injectivity test, approved by this office March 1, 2005, further support this application. Notice of your application was published in two issues of the BC Gazette. As no written objections were received, your application is approved as submitted.

Attached is Approval 05-02-004 for the application granted under Part 8, Division 3, Section 94 of the *Drilling and Production Regulation*.

Sincerely,

Craig Gibson, P. Eng.
Director
Resource Conservation Branch

Attachment

RGS

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

Copy 9

	Wellfile (originals)
	59240
	Daily
	Resource Revenue
	S. Chicorelli
	R. Stefik
	G. Farr
	R. Slocomb
	D. Krezanoski

RESOURCE CONSERVATION BRANCH

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APPROVAL 05-02-004

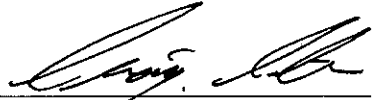
THE PROVINCE OF BRITISH COLUMBIA
PETROLEUM AND NATURAL GAS ACT
DRILLING AND PRODUCTION REGULATION
OIL AND GAS COMMISSION

IN THE MATTER of a scheme of Penn West Petroleum Ltd. (Penn West) for Salt Water Disposal (SWD) in the Halfway formation in the well Penn West Firebird a-98-D/94-H-2 (WA# 19124).

NOW, THEREFORE, pursuant to Part 8, Division 3, Section 94 of the *Drilling and Production Regulation*, the SWD scheme is hereby approved, as such scheme is described in

an application from Penn West to the Commission dated March 1, 2005, and related submission.

1. The water disposal interval must be in the Halfway formation.
2. A record of volume of salt water disposed of through this well must be included on a Monthly Injection/Disposal Statement, in the prescribed form (BC-S18), which must be submitted to the Oil and Gas Commission not later than the 25th day of the month following the reported month.
3. The disposal/injection pressure at the sandface must not exceed the formation fracture pressure.
4. This approval may be modified or rescinded if deemed appropriate through a change in circumstances.



Craig Gibson
Director
Resource Conservation Branch
Oil and Gas Commission

DATED AT the City of Victoria, in the Province of British Columbia, this 1st day of April 2005.