



May 25, 2004

4200-7400-32640-02
OGC - 04178

Frank Roberts, P.Eng.
Apache Canada Ltd.
1000, 700 - 9th Avenue S.W.
CALGARY, AB T2P 3V4

Dear Mr. Roberts:

RE: SALT WATER DISPOSAL; DEBOLT FORMATION
APACHE ET AL HZ MISSILE d-A54-A/94-O-9 (WA# 14874)

The Commission has reviewed your application, dated April 19, 2004, requesting permission to dispose of produced water into the Debolt formation of the subject well.

We concur that the subject well appears to be a good candidate for salt water disposal in the Debolt formation. Notice of your application was published in two issues of the BC Gazette with May 20, 2004 being the last date for any valid objections. As no written objections were received, your application is approved.

Attached is Approval 04-02-006 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

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

Copy 9

<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 checked="" type="checkbox"/>	P. Attariwala
<input type="checkbox"/>	D. Krezanoski

RESOURCE CONSERVATION BRANCH

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APPROVAL 04-02-006

**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 Apache Canada Ltd. (Apache) for Salt Water Disposal (SWD) in the Debolt formation in the well Apache et al HZ Missile d-A54-A/94-O-9 (WA 14874).

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 Apache to the Commission dated April 19, 2004.

1. The water disposal interval must be in the Debolt 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 25th day of May 2004.