



June 28, 2000

4600-7400-59240-09  
OGC 000192

Ms. Linda McKean  
Reservoir Engineer  
Berkley Petroleum Corp.  
1250, 202 6<sup>th</sup> Ave SW  
CALGARY AB T2P 2R9

*Berkley Project (03)*

Dear Ms. McKean:

**RE: PRESSURE MAINTENANCE APPROVAL  
HALFWAY DEBOLT "A" POOL**

Attached is a Pressure Maintenance scheme approval for the subject pool, as requested in your application dated May 29, 2000.

The Approval 00-09-002 is hereby granted under section 100 of the Petroleum and Natural Gas Act.

This approval replaces the Good Engineering Practice approval 99-06-005<sup>(rescinded)</sup>, granted on June 14, 1999 and the Salt Water Disposal approval 99-02-005<sup>(rescinded)</sup>, granted on August 30, 1999.

Sincerely,

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

Attachment

PSA/mef

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

Copy 10

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

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**THE PROVINCE OF BRITISH COLUMBIA**  
**PETROLEUM AND NATURAL GAS ACT**  
**OIL AND GAS COMMISSION**

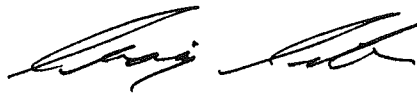
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IN THE MATTER of a pressure maintenance scheme of Berkley Petroleum Corp. (Berkley) for waterflood recovery of oil by water injection into the Halfway Debolt "A" oil Pool.

The Commission, pursuant to section 100 of the Petroleum and Natural Gas Act, R.S.B.C. 1996, c. 361 orders as follows:

The pressure maintenance scheme of Berkley for waterflood recovery of oil from the Halfway Debolt "A" Pool as such scheme is described in the Application from Berkley to the Commission dated May 29, 2000 is hereby approved, subject to the terms herein contained.

1. The area of the pressure maintenance scheme shall consist of the E/2 sec 34-86-25 and the W/2 sec 1, NE/4 sec 2, E/2 sec 11 and NW/4 sec 11-87-25 W6M.
2. The project daily oil allowable, being the sum of individual well allowable, is 451.2 m<sup>3</sup>.
3. Water may be injected into the Halfway Debolt "A" Pool through the wells 1-11 and 9-11-87-25 W6M.  
<sup>12056</sup>  
<sub>6938</sub>
4. The injection pressure at the sandface must not exceed the formation fracture pressure.
5. All associated gas production will be conserved.
6. An oil well may be drilled anywhere within the project area provided that it is not nearer than 100 m to the sides of the project area.
7. Progress reports shall be filed as stipulated in Section 8 of *the Petroleum and Natural Gas General Regulation*.
8. The operations of the pressure maintenance scheme will be subject to periodic review and modification to the approval may be ordered, if deemed appropriate.



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Craig Gibson  
Manager  
Reservoir Engineering and Geology

DATED AT the City of Victoria, in the Province of British Columbia, this 28<sup>th</sup> day of June, 2000.