



Oil and Gas

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CGFY	
SCARD	1
G.W.	1
E.A.	1
RES.	CEIG 1759

August 15, 2000

Government of Northwest Territories Water Board
P.O. Box 1500
Yellowknife, Northwest Territories
X1A 2R3

Attention: Mr. Sevn Bohner
Coordinator, Inuvialuit Settlement Region

Dear Mr. Bohner:

**RE: APPLICATION FOR WATER LICENCE - PROPOSED PETRO-CANADA
MACKENZIE DELTA WINTER 2000/2001 DRILLING PROGRAM**

As requested, please find enclosed twenty-five (25) copies of the referenced application together with the applicable Project Description.

Please do not hesitate to contact me at the above noted address or at (403) 296-6345.

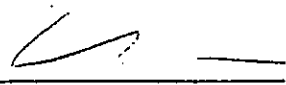
Alternatively, please contact:

Cynthia Pyc at Inuvialuit Environmental Inc.
1338R-36th Avenue N.E.
Calgary, Alberta
T2E 6T6
Phone: (403) 291-0777

Thank you.

Yours very truly,

PETRO-CANADA OIL and GAS



John Kerkhoven
Supervisor, Surface Land

/mmg
Encl.



Report/Plan in
document holder

Schedule III
(Subsection 6(1))

APPLICATION FOR LICENCE, AMENDMENT OF LICENCE, OR RENEWAL OF LICENCE

APPLICATION/LICENCE NO:
(amendment or renewal only) NT-1-1759

<p>1. Name and Mailing Address of Applicant</p> <p>Petro-Canada P.O. Box 2844, 150 – 6th Avenue S.W. Calgary, AB T2P 3E3</p> <p>Telephone: <u>403-296-6345</u> Fax: <u>403-296-3032</u></p>	<p>2. Address of Head office in Canada if incorporated</p> <p>Same as previous</p> <p>Telephone: _____ Fax: _____</p>
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3. Location of Undertaking (describe and attach a map, indicating watercourses and location of any proposed waste deposits)

See attached map indicating exact location of ice road, proposed airstrip and 5 potential well sites (of which one site will be selected). The latitude/longitude coordinates of the 5 potential well sites are:

Latitude <i>Site F-48</i>	69°07'29" N	Longitude <i>Site F-48</i>	135°26'40" W
<i>Site L-15</i>	69°04'36" N	<i>Site L-15</i>	135°19'58" W
<i>Site F-17</i>	69°06'23" N	<i>Site F-17</i>	135°19'06" W
<i>Site L-05</i>	69°04'36" N	<i>Site L-05</i>	135°17'16" W
<i>Site F-09</i>	69°08'29" N	<i>Site F-09</i>	135°16'25" W

4. Description of Undertaking (describe and attach plans)

Base Camp: Refer to attached project description for additional details
 Drill Site: Refer to attached project description for additional details
 Well Site: Refer to attached project description for additional details
 One well will be drilled at one of five (5) possible locations, as specified by the lat/long coordinates above. Project will include an ice road along the Mackenzie River up to 9 km of land, and airstrip on lake located at 69°08'00" N; 135°30'00" W.

5. Type of Undertaking

1. Industrial	<u> X </u>	4. Power	<u> </u>	6. Conservation	<u> </u>
2. Mining and milling	<u> </u>	5. Agriculture	<u> </u>	7. Recreation	<u> </u>
3. Municipal	<u> </u>				
8. Miscellaneous (describe)	<u> </u>				

6. Water Use

To obtain water	<u> X </u>	Flood Control	<u> </u>
To cross a watercourse	<u> </u>	To divert water	<u> </u>
To modify the bed or bank of a watercourse	<u> </u>	To alter the flow of, or store, water	<u> </u>

Other (describe) _____

7. Quantity of Water Involved (litres per second, litres per day or cubic metres per year, including both quantity to be used and quality to be returned to source)

Drill Site: 75 m³/day (probably less unless there is lost circulation)
 Camp Site: 16 m³/day
 Well Site: 4000 m³ over 6 weeks (average 100 m³/day) for ice pad and possibly ice road

SCHEDULE III – Concluded

APPLICATION FOR LICENCE, AMENDMENT OF LICENCE, OR RENEWAL OF LICENCE - Concluded

8. Waste Deposited (quantity, quality, treatment and disposal)

Average daily wastewater outfall volume of 50 USG/camp residents and 60 men.

Camp Sewage Disposal

Suspended Solids: 35 mb/L
 Fecal Coliform: 10E3 CFU/dL
 BOD: 30 mg/L
 Residual Chlorine: nil

Raw camp outfall is gravity fed into a small volume lift station tank. Treated effluent is discharged to the environment from a small volume discharge tank downstream of the disinfectant contact chamber.

9. Other Persons or Properties Affected By This Undertaking (give name, mailing address and location; attach list if necessary)

Cabin owners in the vicinity of the camp will be contacted prior to construction. Cabin owners will be determined through the regional Hunters and Trappers Committee.

10. Predicted Environmental Impacts of Undertaking and Proposed Mitigation

Wastewater criteria at or below *Guidelines for the Discharge of Treated Municipal Wastewater in the Northwest Territories*; no adverse environmental impacts are predicted.

11. Contractor and Sub-Contractors (names, addresses and functions)

To be determined.

12. Studies Undertaken to Date (attach list if necessary)

EIA submitted by Inuvialuit Environmental Inc.

13. Proposed Time Schedule

	<u>Start Date</u>	<u>End date</u>
Lease Construction:	± Dec 1, 2000-----	Jan 15, 2001
Drilling:	Jan 15, 2001 (Mobilize) -----	Mar 15, 2001
	Feb 1, 2001 (Spud) -----	Mar 15, 2001
	March, 2001 (Completion)-----	Apr 15, 2001
Facilities:	Indeterminate -----	Indeterminate
Final Cleanup:	April, 2001 -----	Indeterminate

FOR OFFICE USE ONLY

APPLICATION FEE

Amount: \$ _____

Receipt No.: _____

WATER USE DEPOSIT

Amount: \$ _____

Receipt No.: _____