

Schedule III (Subsection 6(1))

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

		APPLICATION/LICENCE NO: 17881 (amendment or renewal only)		
Name and Mailing Address of Applicant Petro-Canada 150 - 6 th Avenue S.W. Calgary, Alberta T2P 3E3 John Kerkhoven, Supervisor Surface Land	2. Address of	Address of Head office in Canada if incorporated		
Telephone: 403.296.6345 Fax: 403.296.3032	Telephone:	Fax:		
Location of Undertaking (describe and attach a map, indic	eating watercourses and location	of any proposed waste deposits)		
Petro-Canada is proposing to drill one or two new exploratory of 2002/2003. The potential wellsite locations are within EL 40 and/or Inuvialuit 7(1)(b) land. The wellsite locations will be fir complete.	06, and depending on the final si	tes selected, the wells may be drilled on Crown station of last year's Nuna 3D seismic data is		
Prelin	ninary Wellsite Locations			
	Location	ORITORIES WAY		
Lat/Long: 69°09.57'N - 133°20.91'W	Nuna 1	HANG D 9 2002 RO		
Lat/Long: 69°05.28'N - 133°20.42' W	Nuna 2	ANC 0 & 5005 WAY		
Lat/Long: 69°07.33' N – 133°17.71' W	Nuna 3	FELLOWKUNEE THE		
Please refer to the map in the map pocket of the attached project	et description.			
Latitude 69° 05' to 69° 09'N	Longitu	de 133° 17' to 134° 20'W		
Description of Undertaking (describe and attach plans)				
Petro-Canada is applying to conduct a winter 2003 drilling prog- project is in the Inuvialuit Settlement Region (ISR) and involve location will be drilled first, and pending seismic interpretation, on tundra uplands over 20 km to the northwest of the Husky La approximately 3.6 ha. Akita-Equtak will be the drilling contrac- the program. The program will begin with ice access and lease	es three (3) proposed drill location, one of two south locations may akes estuary with each drill pad a ctor and Akita-Equtak Rig #60 au	ons, one or two of which will be drilled. A north the drilled. The proposed drill locations are situated and associated facilities expected to occupy and/or Rig #63 will be used for drilling operations on		
5. Type of Undertaking				
1. Industrial x 4. Pow 2. Mining and milling 5. Agri 3. Municipal 5. Agri		Conservation Recreation		
8. Miscellaneous (describe)				

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6. Water Use	
To obtain water To cross a watercourse To modify the bed or bank of a watercourse	Flood Control To divert water To alter the flow of, or store, water
Other (describe)	
SCHEDUI	LE III – Concluded
APPLICATION FOR LICENCE, AMENDMENT	OF LICENCE, OR RENEWAL OF LICENCE - Concluded
Quantity of Water Involved (litres per second, litres per day or returned to source)	cubic metres per year, including both quantity to be used and quality to be
River and lakes) during access and wellsite construction, and likely fre pocket of the attached project description for an identification of lakes	r with a maximum withdrawal of 1000 m3/day from different sources (Mackenzie com either lake #42 and/or #34 for drilling (please refer to the map in the map s). Petro-Canada has completed volumetric calculations for each of the lakes please refer to Table 5, Section 4.2.5 of the attached project description for
Lake volume sampling was completed by sectioning the lake b then sampling by section. Smaller lakes were sampled at a free The sampling frequency on larger lakes was reduced to 1 samp	pased on area (one sample for every 10 to 20 ha, based on lake size), and quency of I sample per 10 ha, with a minimum of 3 samples per lake. ple per 20 ha.
Petro-Canada has engaged in early discussions with DFO regar screens of such size to prevent impingement or entrainment of	rding source lake volumes. Water intake hoses will be fitted with fish.
8. Waste Deposited (quantity, quality, treatment and disposal	1)
Drilling wastes will be disposed in a sump. For a complete des refer to Section 4.2.6 of the attached project description.	scription of sump location, construction, testing and monitoring please
camp sump will be dug to contain the waste and backfilled at the	t system to achieve water licence criteria for land. As a contingency, a he completion of operations. If wastewater is not meeting criteria, ination of the treated wastewater will be conducted before disposing to
Other Persons or Properties Affected By This Undertaking	g (give name, mailing address and location; attach list if necessary)
N/A	
10. Predicted Environmental Impacts of Undertaking and Prop	posed Mitigation
Please refer to Section 12.0 Proposed Mitigation and Anticipat	ted Environmental Impacts of the attached project description.
11. Contractor and Sub-Contractors (names, addresses and fun	nctions)
Drilling Contractor: Akita Equtak Inuvik, NT	
Environmental Consultant: Inuvialuit Environmental & Geotechnical Inc. nuvik, NT	
Other subcontractors are yet to be determined.	

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

Previous environmental assessments prepared by IEG (formerly Inuvialuit Environmental Inc.) for projects within the vicinity of the proposed program include the Petro-Canada Nuna 2001/2002 3D Seismic Program and the Conoco Parsons Lake Winter 2001/2002 3D Seismic Program. Sixth Lake (identified as Lake #34 on the map in the map pocket of the attached project description) was assessed in the fall of 2001 (Aquatics Environmental Services. Draft. 2002. Aquatic Lakes Assessment of Langley Lake, Riverbend Lake, and Sixth Lake. Prepared for Petro-Canada.) In the Mackenzie Delta region, Petro Canada has contributed to caribou and grizzly bear collaring studies conducted by Resources, Wildlife and Economic Development, as well as the following projects:

IEG. 2002. Vegetation Classification and Wildlife Habitat Suitability Modeling in the Mackenzie Delta Region. Prepared for the Operators and the Wildlife Management Advisory Council in the Mackenzie Delta Region, NWT. 66 pp. + appendices.

IEG. 2002. Heritage Resource Survey – Mackenzie Delta: Summary Report. Prepared for the Operators in the Mackenzie Delta Region.

Petro Canada is also currently participating in the Environmental Studies Research Fund Technical Advisory Group, examining current best practices for sump construction.

13. Proposed Time Schedule

Project Activity Estimated Time Frame

Planning Ongoing

Ice Access and Lease Construction October – December 2002

Mobilization to First Drilling Location December 2002

Camp Set-up December 2002

Well Drilling January – February 2003

Move to Second Drilling Location (pending results of first drill) February 2003

Well Drilling February – April 2003

Final Cleanup

Dependant upon whether one or two wells are drilled, and ice conditions.

Well #1 - March 2003

Well #2 - April 2003

Time lines given in the above table are approximate and subject to change depending upon variables such as weather or ice thickness.

Start date October 2002 Completion date September 2007

ROLAND HERZOG NAME Surface Land Representative

SIGNATURE

August 6,02

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APPLICATION FEE	Amount:	\$ 30.00	Receipt No.:	
WATER USE DEPOSIT	Amount:	\$	Receipt No.:	