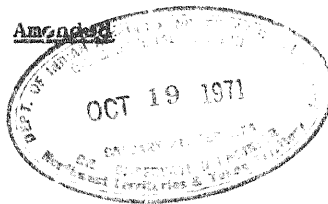




DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION



Application for a Drilling Authority

This notice of intention to begin drilling operations, in triplicate and where required a plan of survey approved by the Surveyor General showing the target area or the site of the well must be submitted and approved before commencing operations.

In compliance with the "Canada Oil and Gas Land Regulations", application is hereby made for approval to drill: -

Name and number of well **Pacific et al Peel YP P-37**

Location: Unit **F** Section **37** Grid **37 00 134 45**
 Latitude **56° 56' 26"** Longitude **107° 31' 34"**
 Unique Well Identifier **300F376700134450**
 Universal Well Location Reference **Lat. 56.94055° N., Long. 134.86500° W.**

Elevation: Ground **(Est.) 160** K.B. **(Est.) 172** feet above sea-level.
 Well is expected to produce from **Gossage, Ronning** formation at a depth of about **7950, 9400** feet. Expected total final depth **11,000**
 Area assigned to well
 (for District Conservation Engineer's use only)

Permit No. **6226** Lease No. Acreage **50,262**

Permittee, licensee, or lessee **Kerr-McGee of Canada N.W. Ltd. Canadian Film Oil Limited, Canadian Superior Oil Ltd.**
 Exploratory Licence No. **1614, 1950, 1986**
 Surface owned by Crown or **Crown**
 (If alienated submit name and address of owner and occupant.)

Petroleum and natural gas rights owned by **Crown**
 We propose to use the following strings of casing, either cementing or landing them as indicated below: -

casing	Size O.D. (Inches)	Weight (Lb./Ft.)	Grade	New or Used	Estimated Depth	Sacks of Cement
1.	20"	60	J-55	New	70	To Surface
2.	13 3/8"	54.5	K-55	New	1100	To Surface
(1) 3.	9 3/8"	40	K-55	New	3500	200 Sks
(2) 4.	7"	23, 26, 29	N-80	New	11,000	See Below
5.						

Expected water, gas, and oil horizons and type of control equipment **Hydrii, Double gate Shafer**
 Water **Bearot, Silurian**
 Gas **Bearot, Silurian**
 Oil **Bearot, Silurian**
 Well will be drilled with Rotary Rig No. **11** by **Gustavson Drilling (1964) Ltd**
 (Drilling Contractor of company)

*Thomas
will continue
at this site*

Responsible agent of applicant: - Contractor's Business Licence No. **0156**
 At well **J. Fenton** At registered office **G. C. Whittaker**
 Address **P. O. Box 8666, Calgary** Address **P. O. Box 8666, Calgary 2, Alberta**
 It is understood that if changes become necessary, notice of the change of plan will be submitted.
 Dated at **Calgary, Alberta** this **12** day of **October** **1971**
 Signed by **G. C. WHITTAKER** Company **Pacific Petroleum Ltd.**
 Title **Manager-Production** Operator's Licence No. **1902**

(For Oil and Mineral Division use only)

APPROVED

This application has been examined and approved subject to the following conditions:

Please see attached sheet for Conditions of Approval.

Dated **October 20, 1971**
 District Conservation Engineer

Forms to be submitted to District Conservation Engineer,
 Department of Indian Affairs and Northern Development.

- (1) 9 5/8" - if hole conditions dictate.
- (2) 7" - in the event commercial production is encountered.
- (3) 7" Cement - to be determined after hole logging evaluation.

CONDITIONS OF APPROVAL FOR DRILLING AUTHORITY NO. 547
FOR PACIFIC ET AL PEEL YT F-37, issued October 20, 1971.

1. Copies of this Drilling Authority shall be exhibited at the Drilling Rig in both the Doghouse and the Drilling Foreman's Office between spud and rig release dates.
2. The Company will submit to this office, on Tuesday of each week/daily, the latest reports received by radio on the progress of the well.
3. During well drilling and testing operations, every effort shall be made to ensure that drilling fluids, chemicals and wastes shall be disposed of or contained in a manner that will prevent the contamination of adjacent vegetation and surface or sub-surface waters.
4. We draw your attention to Sections 95 and 96 of the Canada Oil and Gas Land Regulations.
5. Any additional strings of casing must be approved by the District Conservation Engineer prior to running.



M.D. Thomas, District Conservation Engineer
District 26