



CANADA

Drilling Authority No. 498

Project No.

File No.

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 SOMC MM E. Porcupine YT I - 13
Location: Unit I Section 13 Grid 66° 10' N 137° 45' W
Latitude N 66° 02' 35" Longitude W 137° 46' 58"
Unique Well Identifier 30013661037450
Universal Well Location Reference 66.04305°N 137.78278°W
Elevation: Ground 1645 K.B. 1660 feet above sea level.
Well is expected to produce from Permo Penn formation at a depth
of about 6200 feet. Expected total final depth 6600
Area assigned to well

(For Oil Conservation Engineer's use only)

Permit No. 3362 Lease No. 51,966
Permittee, licensee, or lessee Western Minerals Ltd.
Exploratory Licence No. 1653 Lic. No. for SOMC 1631
Surface owned by Crown
Petroleum and natural-gas rights owned by CROWN
(If alienated submit name and address of owner and occupant.)

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	Scale of Cement
1. <u>13-3/8</u>	<u>54.5</u>	<u>J-55</u>	<u>New</u>	<u>800</u>	<u>840</u>
2.					
3.					
4.					
5.					

Expected water, gas, and oil horizons and type of control equipment

Well will be drilled with Rotary Rig No. 14 by GP Drilling Ltd.
(Drilling Contractor or company)
3604-8th Street S.E., Calgary 24, Alberta.

Responsible agent of applicant:—
At well R.K. Connon Contractor's Business Licence No.
Address 400-5th Ave. S.W. At registered office R.C. Richardson
400-5th Ave. S.W. Address 400-5th Ave. S.W., Calgary 1

It is understood that if changes become necessary, notice of the change of plan will be submitted.
Dated at Calgary, this 18th day of January, 19 71

Signed by [Signature] Company Chevron Standard Limited
Title Project Manager Operator's Licence No. 1639
(For Oil and Mineral Division use only)

APPROVED

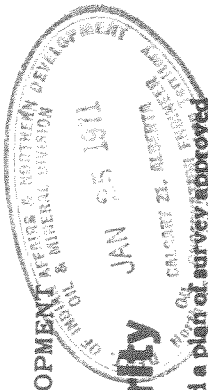
1. This application has been examined and approved subject to the following conditions:—

1. Copies of this Drilling Authority shall be submitted at the Drilling site in both the Duplicates and the Drilling Permit's Office between and the relevant dates.
2. The Company will submit to this office, on Tuesday of each week, the latest report

Dated 27th January, 19 71

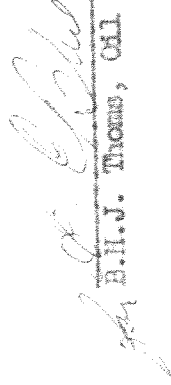
[Signature] Please see over page
Oil Conservation Engineer

Forms to be submitted to Oil Conservation Engineer,
Department of Indian Affairs and Northern Development, Calgary, Alberta.



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. The surface casing shall be set at least 75 feet into a consolidated formation.
5. Any additional strings of casing are to be approved by the Oil Conservation Engineer prior to running.


E.H.J. Thomas, Oil Conservation Engineer