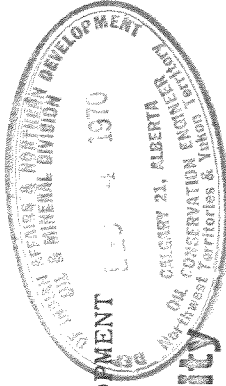




CANADA



DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

~~RESOURCE MANAGEMENT DIVISION~~  
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... SOBC WM Shaeffer Ck YT O-22

Location: Unit 0 Section 22 Grid 66° 50' N 137° 15' W

Latitude 66° 41' 54" N Longitude 137° 19' 40" W

From Established Reference Marker S.P. #304 on seismic line 21 XA

Universal Well Location Reference 66.69833° N 137.32778° W

Elevation: Ground 1136 K.B. 1150 feet above sea-level.

Well is expected to produce from Mid-Devonian formation at a depth

of about 8900 feet. Expected total final depth 10,300

Area assigned to well (for Oil Conservation Engineer's use only)

Permit No. 3324 Lease No. - Acreage 50,604

Permittee, licensee, or lessee Western Minerals Ltd.

Exploratory Licence No. 1653 LIC. NO. FOR S.O.B.C. 1631

Surface owned by Crown or CROWN

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	Backs of Cement
1. 13-3/8	54.5	J-55	New	1200	1500
2.					
3.					
4.					
5.					

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

Hydril GK 12-900, Shaffer 12" -900 Hydraulic Double Gate Hydril Model 80

Accumulator; Remote Controls with Standby Nitrogen Bottles. 3000 psi

Flanged Manifold

Well will be drilled with Rotary Rig No. 15 by G. P. Drilling Ltd.

(Drilling Contractor or company)

3604 - 8th Street S.E., Calgary 24, Alberta

Responsible agent of applicant:— Contractor's Business Licence No. 4

At well R. K. Connon At registered office R. C. Richardson

Address 400 Fifth Ave., S.W. Address 400 Fifth Ave., S.W. Calgary

It is understood that if changes become necessary, notice of the change of plan will be submitted.

Dated at Calgary, this 27th day of November 19 70

Signed by *R. K. Connon* Company Chevron Standard Limited

Title *Responsible Agent* Operator's Licence No. 1639

(For Resource Management Division use only)

APPROVED

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

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, the latest

Dated 7th December 19 70 Please see over page.

Oil Conservation Engineer

Forms to be submitted to Oil Conservation Engineer,

Department of Indian Affairs and Northern Development, Calgary, Alberta.

1AND 52-90-1 (3-67)

UNIQUE WELL IDENTIFIER - 3000226650137150

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 further casing strings are to receive the approval of the Oil Conservation Engineer prior to running.



B.H.J. Thoms, Oil Conservation Engineer