

Drilling Authority No. 306

Project No.

File No.



DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT  
RESOURCE MANAGEMENT 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 **Canoe River East Chance YT-D-18**  
Location: Unit **D** Section **18** Grid **66°10' N 137°15' W**  
Latitude **66°7'7" N** Longitude **137° 18' 20" W**  
From Established Reference Marker **500' North shot point 3583 - Line 101**  
Universal Well Location Reference **66.11861° N 137.30556° W**  
Elevation: Ground **1739.9' at shot point 3583** feet above sea-level.  
Well is expected to produce from **Chance Sand** formation at a depth  
of about **4180** feet. Expected total final depth **4500'**  
Area assigned to well

(for Oil Conservation Engineer's use only)

Permit No. **3364** Lease No. **--** Acreage **51,966**  
Permittee, licensee, or lessee **Western Minerals Ltd.**  
Exploratory Licence No. **1089**  
Surface owned by Crown **xxx**

(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. 13-3/8"	54.5#	J 55	New	100'	225
2. 9-5/8"	36#	J 55	New	650'	350
3.					
4.					
5.					

Expected water, gas, and oil horizons and type of control equipment  
**Gas at 4180**  
**Double Schaffer B. O. P.**  
**Hydril B. O. P.**

Well will be drilled with Rotary Rig No. **1** by **Nabors Drilling Limited**  
(Drilling Contractor or company)

Responsible agent of applicant:— **William Seminuk** Contractor's Business Licence No. **N/A**  
At well **c/o Nabors Drilling Limited** At registered office **D. Gosling**  
Address **Dawson City, Y. T.** Address **901 - 10 Ave. S. W., Calgary, Alta.**  
It is understood that if changes become necessary, notice of the change of plan will be submitted.  
Dated at **Calgary**, this **20th** day of **February** 19 **68**  
Signed by **[Signature]** Company **Canoe River Exploration Ltd.**  
Title **Director** Operator's Licence No. **1068**

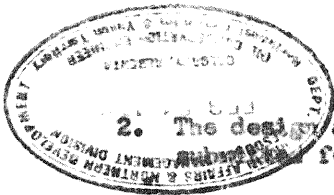
(For Resource Management Division use only)

#### APPROVED

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

- The Company will submit to this office, on Tuesday of each week, the latest reports received by radio on the progress of the well. (See over)
- Dated **21st February** 19**68** **[Signature]**  
Oil Conservation Engineer

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



2. The design and cementing program for production casing required is to be submitted for approval.

*BHS*

Oil Conservation Engineer.