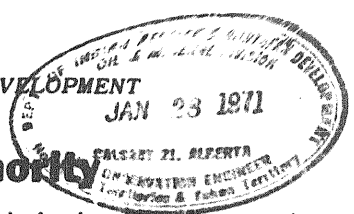


Drilling Authority No. 502
 Project No.
 File No.



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 **BLUEMOUNT ET AL BEAVERCROW YT B-16**
 Location: Unit **B** Section **16** Grid **60°10'N, 125°15'W**
 Latitude **60° 05' 3.6"** Longitude **125° 17' 4.8"**
 Unique Well Identifier **300B166010125150**
 Universal Well Location Reference **60.08433°, 125.29666°**
 Elevation: Ground **Est. 3760** **K.B.** feet above sea-level.
 Well is expected to produce from **Middle Devonian Carbonate** formation at a depth of about **6000** feet. Expected total final depth **6500**
 Area assigned to well

(For Oil Conservation Engineer's use only)

Permit No. **5463** Lease No. **31,927** Acreage **31,927** acres
 Permittee, licensee, or lessee **Canadian Homestead Oils Limited**
 Exploratory Licence No. **1394**
 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	Backs of Cement
1. 9-5/8"	36#	K 55	New	650'	to surface
2.					
3.					
4.					
5.					

Expected water, gas, and oil horizons and type of control equipment. **Possible reservoir: Mattson and Middle Devonian Carbonate. Control equipment: 10" S900 Hydril + 10" S900 Type S3 double gate. Cameron blowout preventors, 60 gal. Payne accumulator, floor control + remote Hydril panel. Manifold with 2 wings including bean choke and variable choke plus straight gut line**
 Well will be drilled with Rotary Rig No. **2** by **Petrolia Oilwell Drilling Ltd.**
 (Drilling Contractor or company)

Responsible agent of applicant:— **R. Schwab** Contractor's Business Licence No. **71**
 At well **736-8 Ave.S.W., Calgary** At registered office **736-8 Ave.S.W., Calgary, Alta.**
 Address **736-8 Ave.S.W., Calgary** Address **736-8 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, Alberta** this **20th** day of **January** 19 **71**
 Signed by **J.C. Rudolph** *J.C. Rudolph* Company **Bluemount Resources Ltd.**
 Title **President** Operator's Licence No. **1304**

(For Oil and Mineral Division use only)

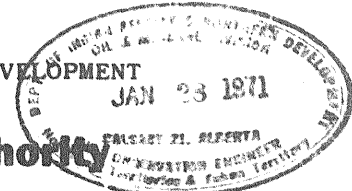
APPROVED

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

- 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.
- The Company will submit to this office, on Tuesday of each week, the latest.

Dated **February 1, 1971** Please see over page
 Oil Conservation Engineer

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION



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At well **R. Schwab** At registered office **R. Schwab**

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Dated at **Calgary, Alberta** this **20th** day of **January** 19 **71**

Signed by **J.C. Rudolph** *J.C. Rudolph* Company **Bluemount Resources Ltd.**

Title **President** Operator's Licence No. **1804**

(For Oil and Mineral Division use only)

APPROVED

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Dated **February 1, 1971** Please see over page

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

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. Intermediate and Production strings of casing shall be approved by the Oil Conservation Engineer prior to running.



B.H.J. Thoms, Oil Conservation Engineer