



File No. _____
Drilling Authority No. **431**

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

Application to Abandon a Well or ~~Suspend Drilling~~

In compliance with the "Canada Oil and Gas Land Regulations", application is hereby made for approval to abandon, to suspend drilling:—

Name and number of well **Western Mineral N. Hope YT N-53 (formerly F-54)**
Location: Unit **N** Section **53** Grid **66° 40' ; 138° 15'**
Latitude **66° 32' 54" N** Longitude **138° 25' 30" W**
From Established Reference Marker **2600' due south S. P. 112 on Sole Line 3**
Universal Well Location Reference **Lat. 66.54833°N., Long. 138.42500°W**
Permit No. **3330** Lease No. **--**

Western Minerals Ltd.
(Permittee, Licensee, Lessee)

Date of commencement of proposed program **August 1970**

OIL, GAS, AND WATER ENCOUNTERED
(Depths)

Oil at **--**
Gas at **10,845 - 10,970'** (DST #3 & #4 - Gas in HP Chamber)
Water at **10,845 - 10,970'** (DST #4)
Total Depth **14,045'** Date of last operations **Still active**
Present condition of well **Waiting on abandonment.**

CASING RECORD

Casing Size O.D. Inches	Weight	Amount	Set At—	Sacks of Cement and Additives	Amount Pulled
1. 20"	94.0#	3 jts.	90' KB	320 sacks Cement Fendu	Nil
2. 13-3/8"	54.5#	49 jts.	1522' KB	1200 Cement Fendu With 1% CaCl₂ in 600 sacks.	Nil
3.					
4.					
5.					

PROPOSED ABANDONMENT PROGRAM

No.	Plug Position	Geological Formation	Number of Sacks of Cement	Remarks
1	10,800-10,700	Ordovician	50	Feet
2	8,200 - 8,100	Mid-Devonian	50	Feet
3	6,100 - 6,000	"	50	Feet
4	1,575 - 1,475	Lower Cretaceous	50	Feet
	surface		5	

Cap casing at surface with steel plate, install 2" riser 4' above ground and display official well name sign.

The following logs have been run **Induction E, Sonic G.R., Calliper, Dipmeter, Density, SNP.**
Other operations proposed **Abandonment**

Operations to be carried out by **Western Minerals Ltd.** Contractor Licence No. **N/A**
Address **901 - 10 Ave. S.W., Calgary 3, Alta.** Address _____
Responsible Agent in field **Mr. William Semeniuk**
Dated at **Calgary, Alberta**, this **7th** Day of **August** 19 **70**
Signed by **[Signature]** Company **Western Minerals Ltd.**
Title **Manager** Operator's Exploratory Licence No. **1653**

Note:—The Oil Conservation Engineer's office must be notified before work is commenced.

(For OIL AND MINERAL DIVISION use only)

APPROVAL

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

Confirming oral approval given by **Mr. B. H. J. Thoms**
on the **6th August 1970.**