



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 CHEVRON SOBC WM BIRCH Y1 E-53  
Location: Unit <sup>E</sup> Section 53 Grid 66°10'150" W  
Latitude N 66°02'21" Longitude W 136°56'15"  
From Established Reference Marker 300E530610136450  
Universal Well Location Reference 66.03916°N 136.93472°W  
Permit No. 3366 Lease No.

Western Minerals Ltd.  
(Permitter, Licencee, Lessee)

Date of commencement of proposed program February 18, 1972

**OIL, GAS, AND WATER ENCOUNTERED  
(Depths)**

Oil at Nil  
Gas at Nil  
Water at 1328 - 2090 Permian Sandstone  
Total Depth 2245 Date of last operations  
Present condition of well Running abandoning plugs

**CASING RECORD**

Casing Size O.D. Inches	Weight	Amount	Set At	Sacks of Cement and Additives	Amount Pulled
1. 9-5/8"	36#	732	732	450 sax + 2.5% CaCl <sub>2</sub>	Nil
2.					
3.					
4.					
5.					

**PROPOSED ABANDONMENT PROGRAM**

No.	Plug		Geological Formation	Number of Sacks of Cement	Remarks
	Position				
1	2245		Pennsylvanian	50	
2	2000-2150		Permian	90 + 3%	Feel after 8 hrs.
3	1250-1400		Permian	120 + 3%	Feel after 8 hrs.
4	680-780		Cretaceous	75 + 3%	Feel after 8 hrs.
5	Surface			5 sx + steel plate & well identifier	

The following logs have been run BHC-Sonic, GR Neutron, DIL, FDL, SNP  
Other operations proposed None

Operations to be carried out by Chevron Standard Limited Contractor Licence No.  
Address 400 Fifth Avenue S.W., Calgary 1 Address  
Responsible Agent in field R. K. Connon  
Dated at Calgary, this 21 Day of February 1972  
Signed by *R. K. Connon* Company Chevron Standard Limited  
Title Project Manager Operator's Exploratory Licence No. 1913

Note:—The District 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 program approved, subject to the following conditions:

Confirming oral approval given by Mr. M. D. Thomas  
on February 18, 1972.

Dated March 1, 1972

*M. D. Thomas*  
District Conservation Engineer