



DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
 RESOURCES DIVISION

Application to Abandon a Well or Suspend Drilling

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

Name and number of well Socony Mobil Western Minerals W. Parkin YT D-51
 Location: Unit D Section 51 Grid N 66° 20' W 137° 15'
 Latitude 66° 10' 08" .5N Longitude 137° 26' 4" .5W
 From Established Reference Marker

Permit No. 3354 Lease No.

Western Minerals Limited
 (Permittee, Licensee, Lessee)

Date of commencement of proposed programme March 31, 1965

OIL, GAS, AND WATER ENCOUNTERED (Depths)

Oil at 4380 - 4410 & Trace at 4342 - 4376
 Gas at Nil
 Water at Nil
 Total Depth 4950' KB Date of last operations March 30, 1965
 Present condition of well Open Hole to 4950'

CASING RECORD

Casing Size O.D. Inches	Weight	Amount	Set At—	Sack of Cement	Method	Amount Pulled
1. <u>9 5/8"</u>	<u>36#</u>	<u>22 jts.</u>	<u>680' KB</u>	<u>275 Neat</u>	<u>On Bottom</u>	<u>None</u>
2.						
3.						
4.						
5.						

PROPOSED ABANDONMENT PROGRAMME

No.	Plug		Geological Formation	Number of Sacks of Cement	Remarks
	Position				
<u>1</u>	<u>4300 - 4460</u>		<u>Alder</u>	<u>120</u>	<u>+ 3% CaCl₂</u>
<u>2</u>	<u>3668 - 3768</u>		<u>Across Alder Top @ 3718'</u>	<u>57</u>	<u>+ 3% CaCl₂</u>
<u>3</u>	<u>2194 - 2294</u>		<u>Across Blackie Top @ 2244'</u>	<u>57</u>	<u>+ 3% CaCl₂</u>
<u>4</u>	<u>630 - 730</u>		<u>Across Casing Shoe @ 680'</u>	<u>59</u>	<u>+ 3% CaCl₂</u>
<u>5</u>	<u>Surface</u>			<u>5</u>	<u>Weld Metal Plate over stub, above which extends a sign indicating well name</u>

NOTE: Plugs 1, 2, 3, and 4 to be felt.

The following logs have been run IES, SONIC-GR-CAL, MICRO-CAL, DIPMETER, VELOCITY SURVEY
 Other operations proposed 1 or 2 additional PST's of ALDER

Operations to be carried out by Parker Drilling Contractor Licence No.
 Address Calgary, Alberta Address
 Responsible Agent in field M. Graham
 Dated at Edmonton, Alberta this 30 Day of March 19 65
 Signed by J. R. Mutch Company Socony Mobil Oil of Canada, Ltd.
 Title District Producing Engineer Exploratory Licence No. 906

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

(For RESOURCES 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 31st March 1965

Dated 8th April, 19 65 B.H.J. Thoms

Forms to be submitted in triplicate to Oil Conservation Engineer, Calgary, Alberta