



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 **IOE Spring River YT N-58-69-10-138-30**  
 Location: Unit **N** Section **58** Grid **69° 10' 138° 30'**  
 Latitude **69° 07' 53" N** Longitude **138° 44' 05" W**  
 From Established Reference Marker  
 Universal Well Location Reference **Lat. 69.°13139 N Long. 138.°073472 W**

Permit No. **3766** Lease No.

(Permittee, Licensee, Lessee)

Date of commencement of proposed program **March 17, 1971**

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

Oil at **None encountered**  
 Gas at **None encountered**  
 Water at **None encountered**  
 Total Depth **7009'** Date of last operations **March 18, 1971**  
 Present condition of well

**Well Abandoned**

**CASING RECORD**

Casing Size O.D. Inches	Weight	Amount	Set At—	Sacks of Cement and Additives	Amount Pulled
1. <b>20" &amp; 28"</b>		<b>51.0</b>	<b>62.0</b>	<b>220 sacks</b>	<b>None</b>
2. <b>13-3/8"</b>	<b>72.0</b>	<b>505.24</b>	<b>523.24</b>	<b>645 sacks (total)</b>	<b>None</b>
3. <b>10-3/4"</b>	<b>51.0</b>	<b>1980.96</b>	<b>1979.0</b>	<b>800 sacks</b>	<b>None</b>
4.					
5.					

**PROPOSED ABANDONMENT PROGRAM**

No.	Plug		Geological Formation	Number of Sacks of Cement	Remarks
	Position				
<b>1</b>	<b>7009 - 6900'</b>		<b>Upper Paleozoic</b>	<b>85 sacks</b>	<b>Felt at 6900'</b>
<b>2</b>	<b>6450 - 6350'</b>		<b>Jurassic</b>	<b>75 sacks</b>	<b>Felt at 6380'</b>
<b>3</b>	<b>2030 - 1930'</b>		<b>Jurassic - Surface casing</b>	<b>90 sacks + 2% CaCl<sub>2</sub></b>	<b>Felt at 1940'</b>
<b>4</b>	<b>Surface</b>		<b>Drill riser with well marker</b>		

The following logs have been run **HCS, DIL, FDC, Dipmeter, Velocity, Temp.**  
 Other operations proposed **None**

Operations to be carried out by **Imperial Oil Enterprises Ltd** Contractor Licence No. **1674**  
 Address **10025 - Jasper Avenue, Edmonton** Address  
 Responsible Agent in field **W. E. Hockey**  
 Dated at **Edmonton**, this **30** Day of **March**, 19 **71**  
 Signed by **[Signature]** Company **Imperial Oil Enterprises Ltd**  
 Title **Drilling Superintendent** Operator's Exploratory Licence No. **1674**

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. Thom on the 16th March 1971, including surface plug and riser with well marker.**

Dated **5th April**, 19 **71** **[Signature]**  
 Oil Conservation Engineer