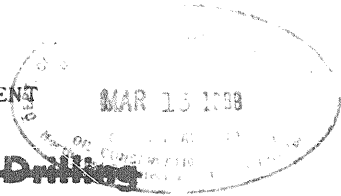




DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT  
RESOURCE MANAGEMENT DIVISION



### 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 Pan Am Shell Merrill IT-L-60  
Location: Unit L Section 60 Grid 60°20'N, 124°15'W  
Latitude 60°19'30" Longitude 124°26'00"  
From Established Reference Marker 60.32500° Lat. 124.43333° W. Long  
Universal Well Location Reference 60.32500° Lat. 124.43333° W. Long  
Permit No. 2722 Lease No. N/A

Shell Canada Ltd.

(Permitter, Licensee, Lessee)

Date of commencement of proposed program 3-6-69

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

Oil at NIL  
Gas at NIL  
Water at DST #1 (4989 - 5362)  
Total Depth 5362 Date of last operations 3-6-69  
Present condition of well No evidence of commercial production

#### CASING RECORD

Casing Size O.D. Inches	Weight	Amount	Set At—	Sacks of Cement and Additives	Amount Pulled
1. <u>20</u>	<u>Conductor</u>		<u>55</u>	<u>90 Sk +3% CaCl<sub>2</sub> 525</u>	<u>NIL</u>
2. <u>13-3/8"</u>	<u>54.5</u>	<u>16 jts.</u>	<u>516.3K.B.</u>	<u>525 Sk.+3% CaCl<sub>2</sub></u>	<u>NIL</u>
3. <u>9-5/8"</u>	<u>40</u>	<u>121 jts.</u>	<u>3831.5KB</u>	<u>400 Sk. Neat +200 Sk</u>	<u>NIL</u>
4.				<u>6% Gel, Tailed by</u>	
5.				<u>400 Sk. Neat</u>	

#### PROPOSED ABANDONMENT PROGRAM

No.	Plug		Geological Formation	Number of Sacks of Cement	Remarks
	Position				
<u>1</u>	<u>5362 - 4940</u>		<u>Mid-Devonian Carbonate</u>	<u>215</u>	<u>No Feel</u>
<u>2</u>	<u>3893 - 3770</u>		<u>D-1 Black Shale</u>	<u>100</u>	<u>Felt @ 3670'</u>
<u>3</u>				<u>135</u>	<u>Pumped 135 Sk. down 9-5/8" - 13-3/8" annulus.</u>

Cmt. top of csg. w/5 sacks, weld on plate, install 5' marker.

The following logs have been run. IES, Gamma Sonic, Neutron Porosity, Density, Cent. Dipmeter  
Other operations proposed. Porosity lithology.

Operations to be carried out by Brinkerhoff Bros. Contractor Licence No. Not Req'd  
Address 220 Bentall Building, Calgary Alta. Address  
Responsible Agent in field Mr. D. Nagel  
Dated at Grand Prairie, this 10 Day of March 19 69  
Signed by Area Foreman Company Pan American Petroleum Corporation  
Title Area Foreman Operator's Exploratory Licence No. 1200

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

(For RESOURCE MANAGEMENT DIVISION use only)

#### APPROVAL

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

Confirming oral approval given by Mr. P.H.J. Thoms  
on the 5th March 1969.

Dated 13th March, 1969

P.H.J. Thoms  
Oil Conservation Engineer

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