

# MAR 19680073: ALBERTA

Received date: Dec 31, 1968

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UNION OIL COMPANY OF CANADA LIMITEDREPORT ON SULPHUR PROSPECTINGPERMIT NO. 78

In accordance with the agreement which expired January 7, 1969, we submit the following report on the 1968 winter season exploratory program.

LOCATION:

Sulphur Prospecting Permit No. 78 includes sections 6, 7, 18, 19, 30 and 31 of Townships 117 & 118, Range 8 W5M and all of Townships 117 and 118, Range 9, and 10 W5M for a total of 99,840 acres.

FIELD OPERATIONS:

United Geophysical seismic party No. 529, operating for Union Oil Company of Canada and Hudson's Bay Oil & Gas Co. Ltd. drilled a total of 493 locations during January of 1968 on the permit area. The holes were drilled to a depth of 45 feet using truck mounted "Mayhew 1000" rotary shot hole drills. Every third hole was sampled (at depths of 15' & 45") for a total of 164 locations sampled. The locations sampled are indicated on the attached Shot Point location map.

ANALYSIS OF SAMPLES:

The samples collected were analysed for the per cent elemental sulphur in composite groups of 5 locations, by Core Laboratories-Canada Ltd. report No. C.A.L.8. The result of the analysis is included with this report.

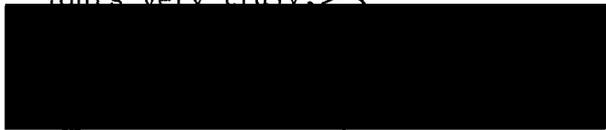
EXPENDITURES:

The costs were incurred by Union Oil Company of Canada Limited and Hudson's Bay Oil & Gas Co. Ltd. in obtaining and analysing the samples on Permit No. 78.

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1.	Drilling (164 locations)	\$7,288.10
2.	Bits (4½" inserts)	\$2,000.00
3.	Supervision	\$1,000.00
4.	Analysis (Core Labs)	\$ 152.00
		<hr/>
		\$10,440.10
		<hr/>

Yours very truly,



Bruce G. Freeborn  
District Landman

BGF/mor:



# CORE LABORATORIES - CANADA LTD.

4019 - 4th St. S.E. Calgary 24, Alberta Phone 243 - 6330

## Certificate of Analysis

Sample(s) from Union Oil Company Of Canada Ltd.  
Date: July 10/68

REPORT NO.  
C.A.L. 8

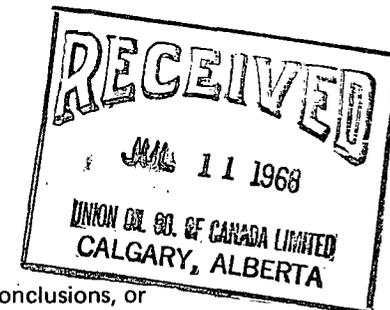
SAMPLE NO.	GOLD Troy ounces per ton	SILVER Troy ounces per ton	Elemental Sulphur %	%	%	%
Line "A"						
1-15	Composite		0.08			
16-31	"		0.10			
32-47	"		0.02			
48-63	"		0.02			
64-79	"		0.12			
80-95	"		0.03			
96-111	"		0.09			
112-127	"		0.02			
128-137	"		0.04			
Line "B"						
1-15	Composite		0.14			
16-31	"		0.10			
32-47	"		0.12			
48-63	"		0.10			
64-79	"		0.06			
80-95	"		0.10			
96-106	"		Trace			

EXAMINED FOR TAXES  
J.J.B.

PULPS RETAINED 3 MONTHS  
REJECTS RETAINED 1 MONTH

SIGNED \_\_\_\_\_

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ASSAYERS  
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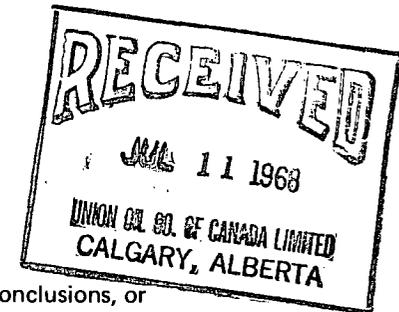
SAMPLE NO.	GOLD Troy ounces per ton	SILVER Troy ounces per ton	Elemental % Sulphur %	%	%	%
Line "C"						
4-19	Composite		0.02			
20-35	"		0.04			
36-51	"		0.02			
52-67	"		0.08			
68-83	"		0.06			
84-99	"		0.06			
100-115	"		0.10			
116-131	"		0.12			
132-136	"		0.10			
Line "D"						
1-15	"		0.01			
16-31	"		Trace			
32-47	"		Trace			
48-63	"		0.04			
64-79	"		0.02			
80-89	"		0.04			

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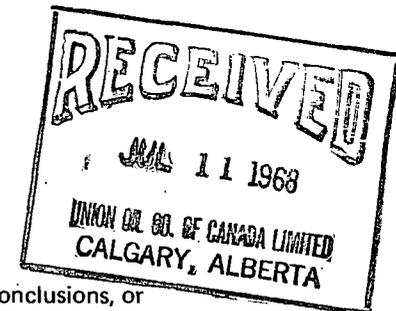
SAMPLE NO.	GOLD Troy ounces per ton	SILVER Troy ounces per ton	Elemental % Sulphur %	%	%	%
Line "E"						
1-15	Composite		0.16			
16-31	"		0.10			
32-47	"		0.04			
48-63	"		Trace			
64-69	"		0.02			
80-95	"		0.08			
96-104	"		Trace			

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# SULPHUR PROSPECTING PERMIT No. 78

CANCELLED

HUDSON'S BAY OIL AND GAS COMPANY LIMITED,  
and UNION OIL COMPANY OF CANADA LIMITED,  
% HUDSON'S BAY OIL AND GAS COMPANY LIMITED,  
320 - 7th AVENUE WEST,  
CALGARY, ALBERTA .

DATE OF ISSUE - JANUARY 8, 1968  
AREA - 99,840 ACRES.

NO LEASES SELECTED

TP. 118

TP. 117

R. 10

R. 9

R. 8 W. 5 M.

8401  
3-6