

# MAR 19680062: BIRCH HILLS

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SHELL CANADA LIMITED  
REPORT ON  
SULPHUR PROSPECTING PERMIT NO. 68  
BIRCH HILLS AREA, ALBERTA

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ECONOMIC MINERALS

FILE REPORT No.

S-AF-068(1)

In accordance with the terms of the Agreement dated December 18, 1967, we submit the following report on the exploratory examination carried out during the 1967-68 winter season on the subject permit.


LOCATION:

Sulphur Prospecting Permit No. 68, containing 97,230 acres, is located in Northeastern Alberta, Townships 103 & 104, Ranges 23 & 24 West 4th Meridian.

FIELD OPERATIONS:

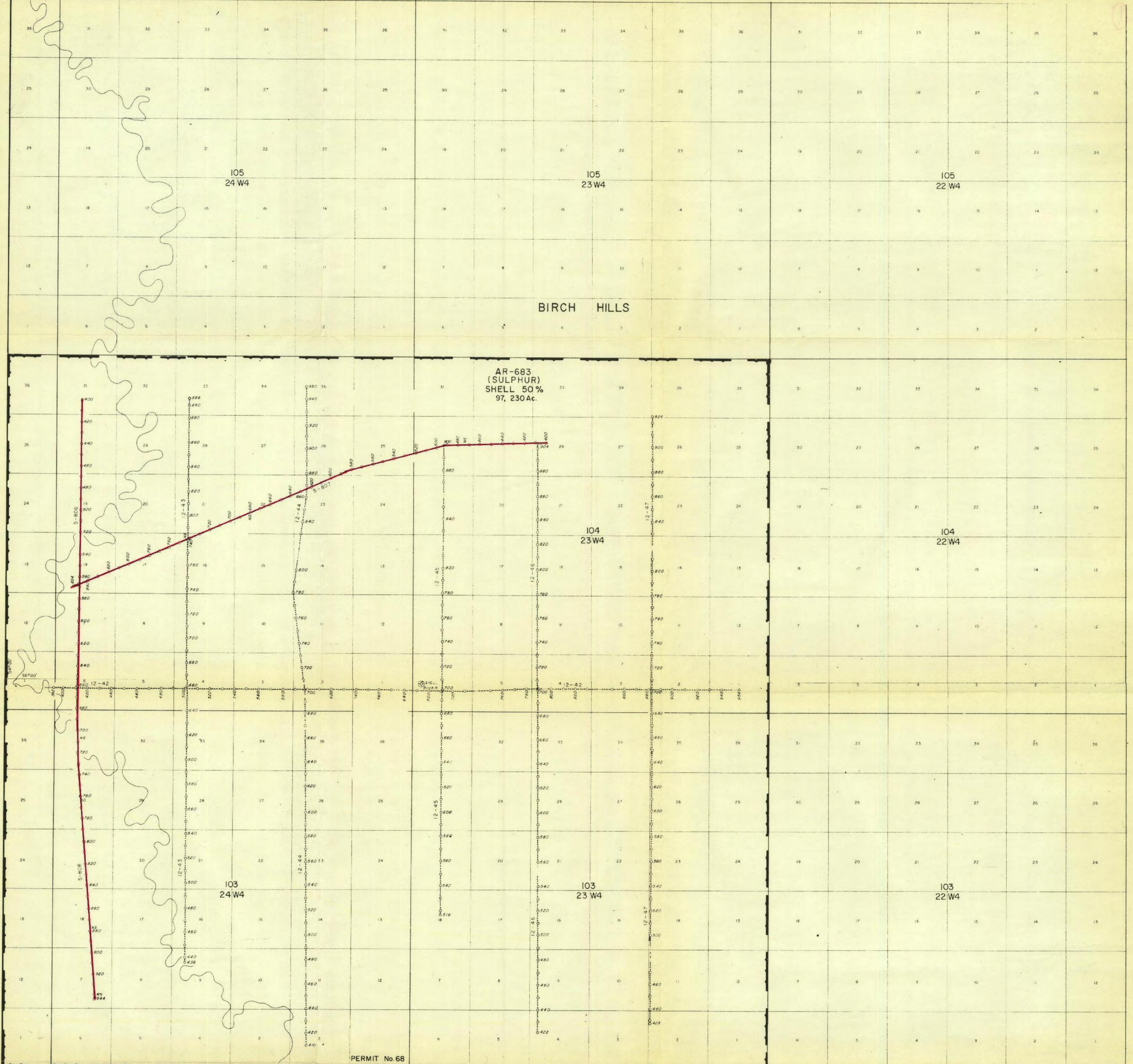
Seismic field party 5, operating for Shell Canada Limited, carried out the drilling of 504 seismic shot holes over the permit area during December 1967 and January 1968. The holes, which are spaced 200 feet apart, were drilled to a maximum depth of 60 feet by truck mounted 3-1/2 inch auger drills. Enclosure No. 1 shows the location of the auger holes drilled.

Drillers logs were later examined for indications of sulphur. No sulphur was reported.



O.L. Slind  
District Geologist  
Northern Plains District  
Southern Division Exploration

November 1968



BIRCH HILLS

AR-683  
(SULPHUR)  
SHELL 50%  
97, 230Ac.

PERMIT No. 68

LEGEND

— SEISMIC SHOT HOLE DRILLING EXAMINED FOR SULPHUR

SHELL CANADA LIMITED		EXPLORATION AND PRODUCTION DEPARTMENT	SOUTHERN EXPLORATION DIVISION
BIRCH HILLS AREA			
SULPHUR PROSPECTING PERMIT No. 68			
Party : 5		Datum :	
Interpreter :		Elevation Corr. Velocity :	
Supervisor :		Filter Base ( Corr = 0 ) :	
Date : OCTOBER, 1968		Shot Depths (Ds) :	
Maps :		Wx Comp. :	
Contour Interval :		Load Factor Corr. :	
Wavefront Title & Function :		Grade Key :	
Map Scale : 1"=4000'		Enclosure No. : 1	
To Accompany Report on Sulphur Prospecting Permit No. 68			

# SULPHUR PROSPECTING PERMIT NO 68

SHELL CANADA LIMITED, and  
GREAT PLAINS DEVELOPMENT COMPANY  
OF CANADA, LTD.,  
% SHELL CANADA LIMITED,  
P.O. BOX 100,  
CALGARY, ALBERTA.

DATE OF ISSUE — DECEMBER 18, 1967  
AREA — 97,230 ACRES.

FIFTH MERIDIAN

TP. 104

84/1/4

TP. 103

84/4/13

R. 1 W. 5 M.

R. 25

R. 24

R. 23 W. 4 M.