

MAR 19690055: NORTHERN ALBERTA

Received date: Dec 31, 1969

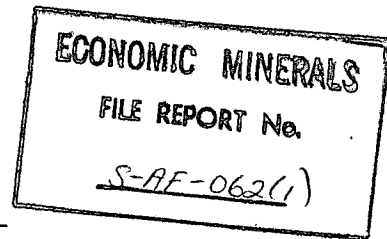
Public release date: Jan 01, 1971

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FINAL REPORT ON SULPHUR EXPLORATION
SULPHUR PROSPECTING PERMIT NO. 62
TWP. 109, RGE. 7 W5M

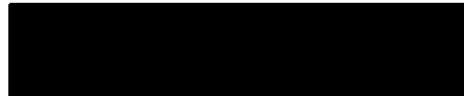


Sulphur Prospecting Permit No. 62 (7,680 acres) was acquired by Texaco Exploration on December 18, 1967 and renewed for six months on December 18, 1968. Exploration on the Permit was conducted during December 1968 and consisted of 42 twelve foot deep auger holes spaced at 1,000 foot intervals largely along existing seismic lines. The twelve foot depth was judged adequate for reconnaissance drilling based on industry's experience during the winter of 1967-1968 when any significant amount of sulphur found was always present at least as high as ten feet below the surface.

Two samples were taken from each hole and qualitative flame tests were run for presence of sulphur and semi-quantitative tests for water soluble sulphates. The latter test was included as a possible indirect clue to the presence of sulphur. No sulphur was detected in any of the 84 samples. Water soluble sulphate content varied indiscriminately and did not appear to be diagnostic.

In view of the completely negative results of the auger hole program it has been decided to surrender Permit No. 62

TEXACO EXPLORATION COMPANY



W. H. Rimmer, Chief Geologist

TD/dl

Calgary, Alberta,
April 29, 1969.

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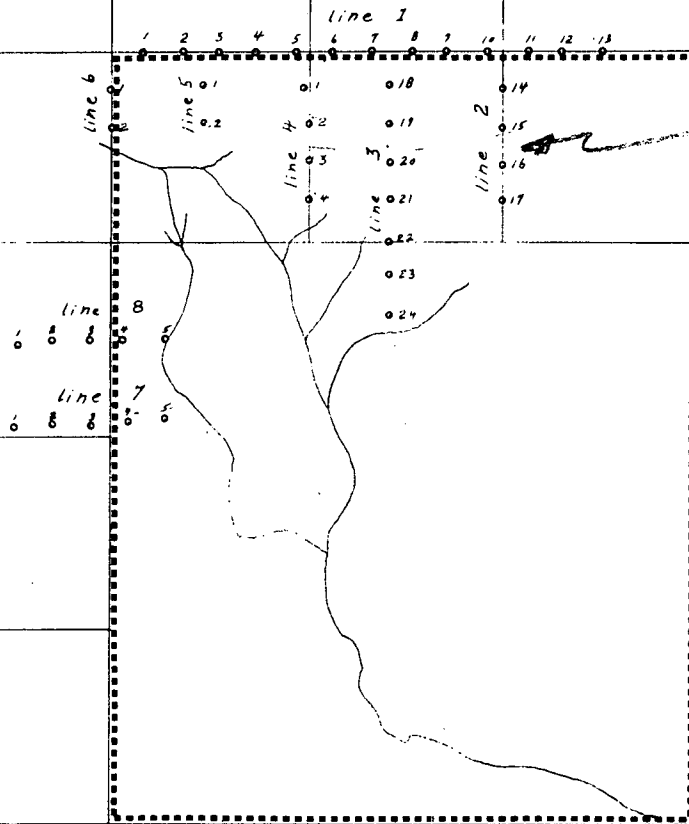

W. H. Rimmer, Chief Geologist

TD/dl

Calgary, Alberta,
April 29, 1969.

R.7W.5M.

R.6W.5M.



12 FOOT AUGER
HOLES EVERY
1000 FEET

TP 109

TP 108

TEXACO EXPLORATION COMPANY for OVERLAND EXPLORATION SERVICES LTD.

SULPHUR PERMIT No.62

SAMPLE HOLE LAYOUT

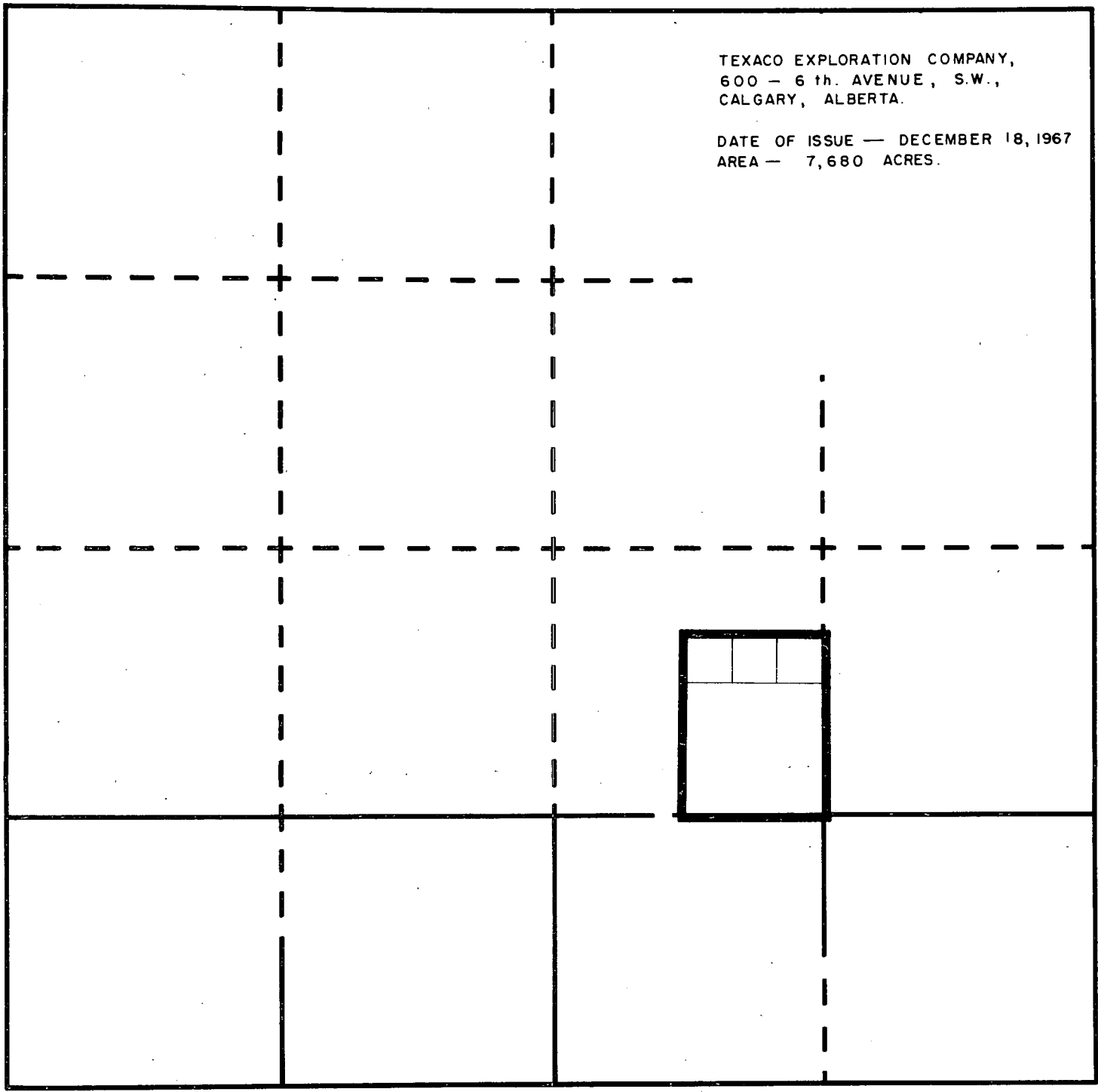
APRIL 29, 1969

Scale: 1" = 1 mile.

19690055

Map No.1

SULPHUR PROSPECTING PERMIT NO. 62



TEXACO EXPLORATION COMPANY,
600 - 6th AVENUE, S.W.,
CALGARY, ALBERTA.

DATE OF ISSUE — DECEMBER 18, 1967
AREA — 7,680 ACRES.

TP.109

845/7

TP.108

R. 7

R. 6 W. 5 M.