

REPORT ON THE
REFLECTION SEISMOGRAPH SURVEY
IN THE
TRAINOR LAKE AREA OF N.W.T.
CONDUCTED FOR
PACIFIC PETROLEUMS LTD.

BY
UNITED GEOPHYSICAL COMPANY OF AMERICA
FROM

MARCH 9, 1970 TO MARCH 16, 1970

ON

PERMIT NO. 3020

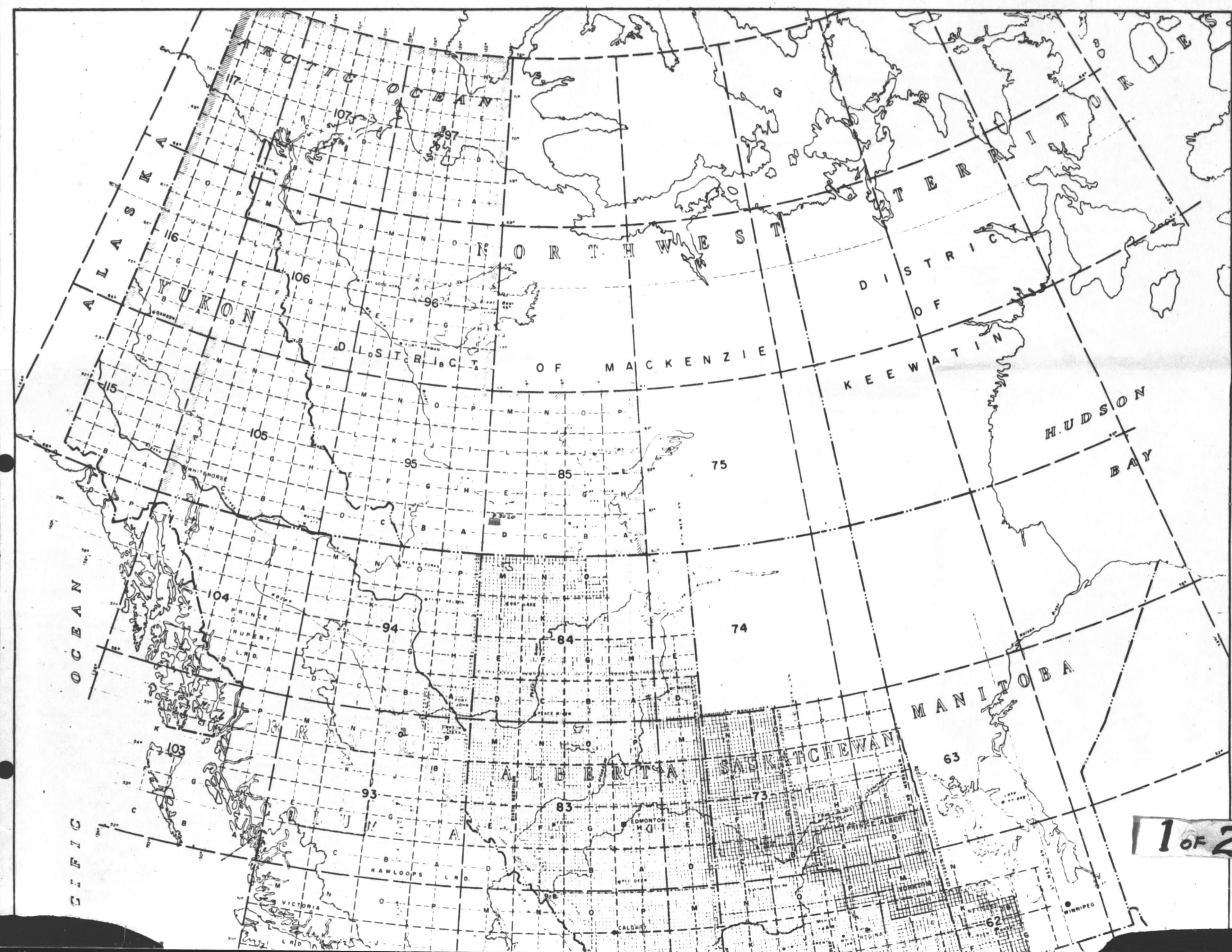


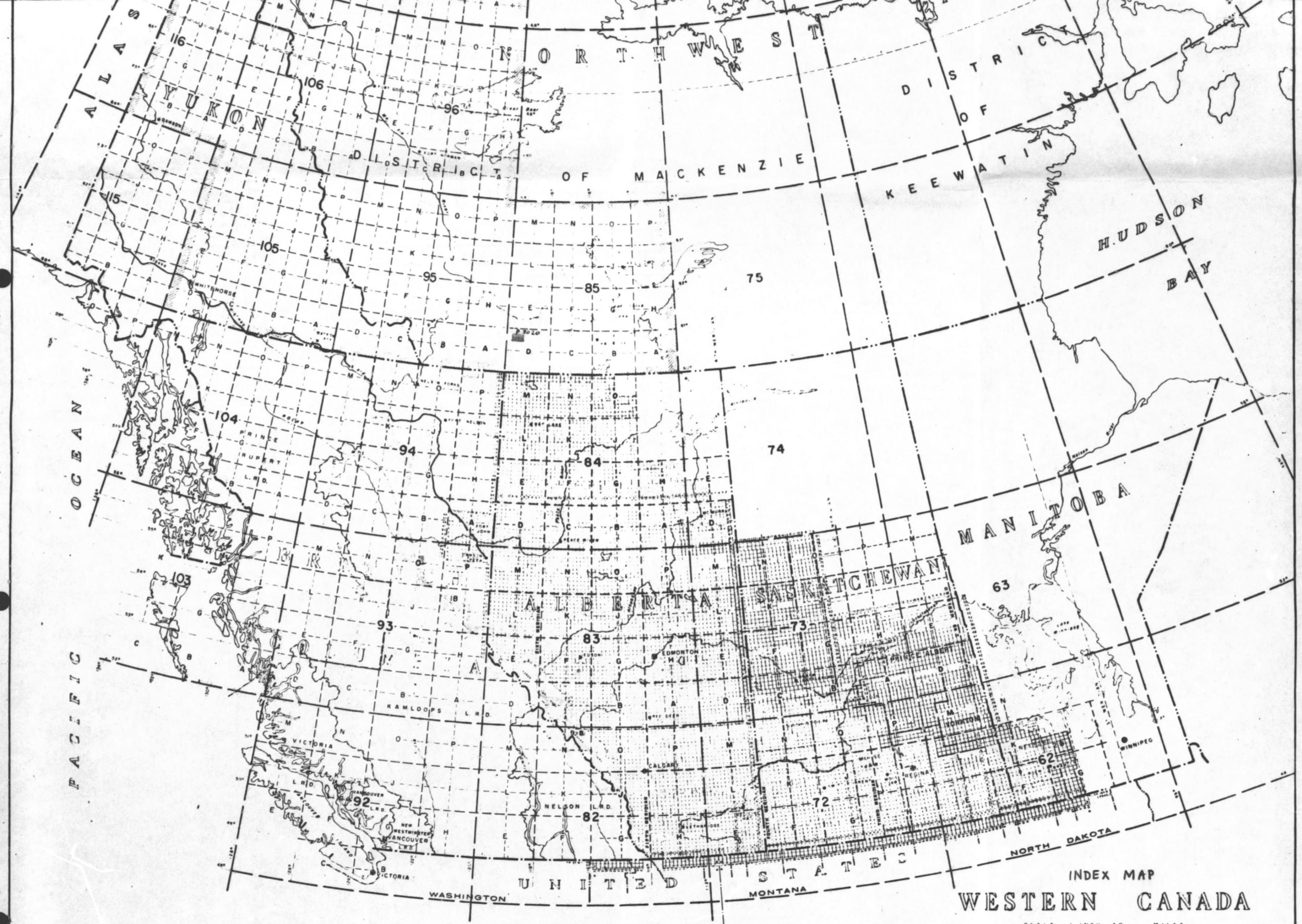
DATE: February 10, 1971

BY: S. Oczkowski

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INTRODUCTION

A reflection seismograph survey was conducted in the Trainor Lake Area on Permit No. 3020 between March 9, 1970 and March 16, 1970. A trailer camp was established within the Permit Area and access was from Fort Nelson. The results of this survey are illustrated on maps enclosed in the attached folder.

STATISTICAL DATA

Mobilization Data:	"Cats" started road in March 5, 1970.
Recording Commenced:	March 10, 1970.
Recording Completed:	March 15, 1970.
Last Day on Project:	March 16, 1970.
No. of Miles Shot:	19.8
No. of Shots:	119
Average Miles/Day:	3.3
No. of Days Worked:	6
No. of Weather Days:	Nil
Instrument Type:	P.T. 100 Analog
Vehicle Type:	Truck mounted.
No. of Drill Hours:	6 97.5
Party Manager:	R. C. Empson
No. of Personnel on Crew:	15
Surveying Instrument:	K & E 'Doric' transit
Survey Control:	From the well (Wilkinson Redknife River #2 E-33)
Radio Liason:	Mobile Telephone

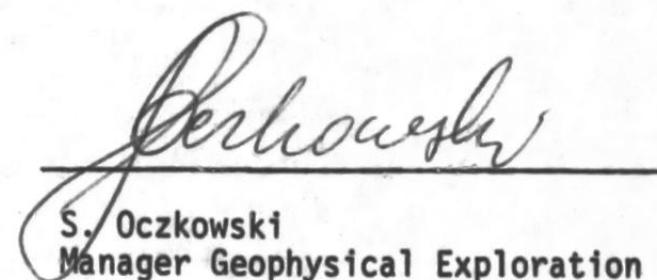
STATISTICAL DATA (cont'd)

C.D.P. Percent: 300
Charge Size: 5 lbs. per shot point
Distance between Flags: 220 feet
Spread Layout: 2530 - 110 - 110 - 2530
Hole Depth: Average 45 feet
Sections Prepared:
 Datum - 1100 ft. Above Sea Level
 N.S.V. - 16,000 ft. per second
 Filter - 15/20 - 55/60 c.p.s. bandpass
 Decon - None
Processed by: Pacific Petroleums Ltd.

INTERPRETATION AND SUMMARY

Stacked record cross-sections show that there is only one event to pick, and the Slave Point map is presented.

The enclosed Slave Point map illustrates anomalies which are considered significant in this area.

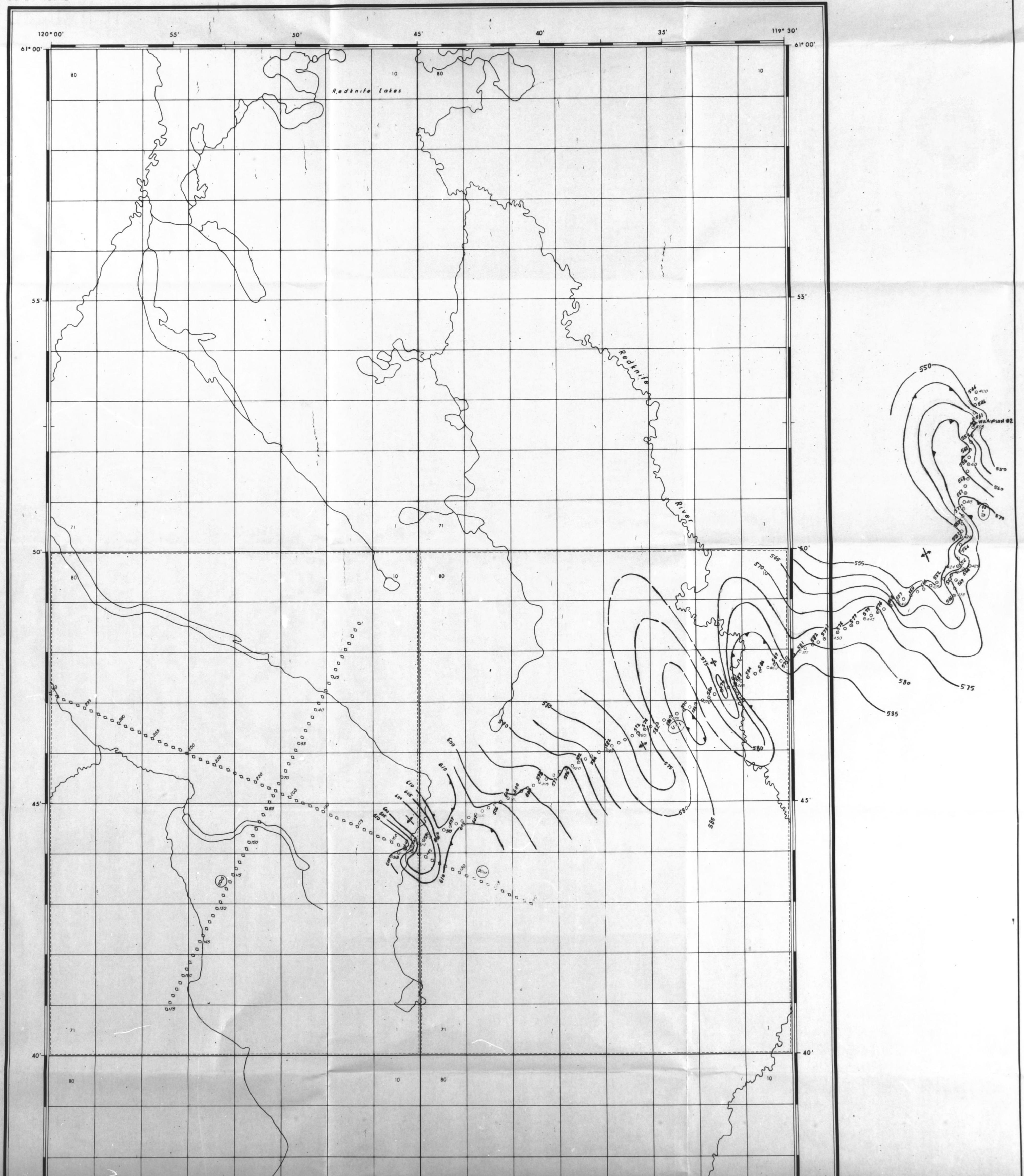


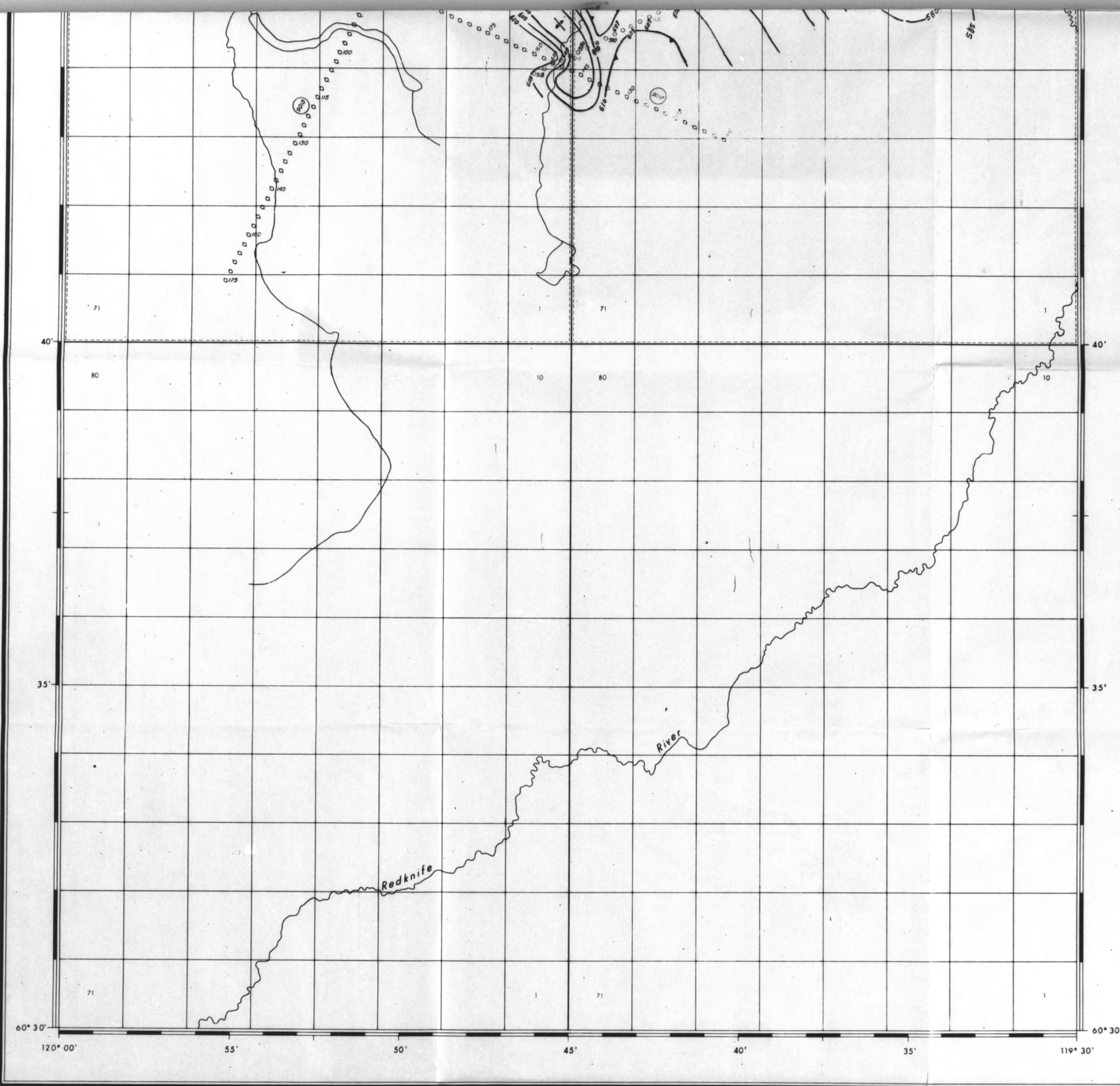
S. Oczkowski
Manager Geophysical Exploration

85 D - 13/1

CANADA

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REDKNIFE RIVER

NORTHWEST TERRITORIES

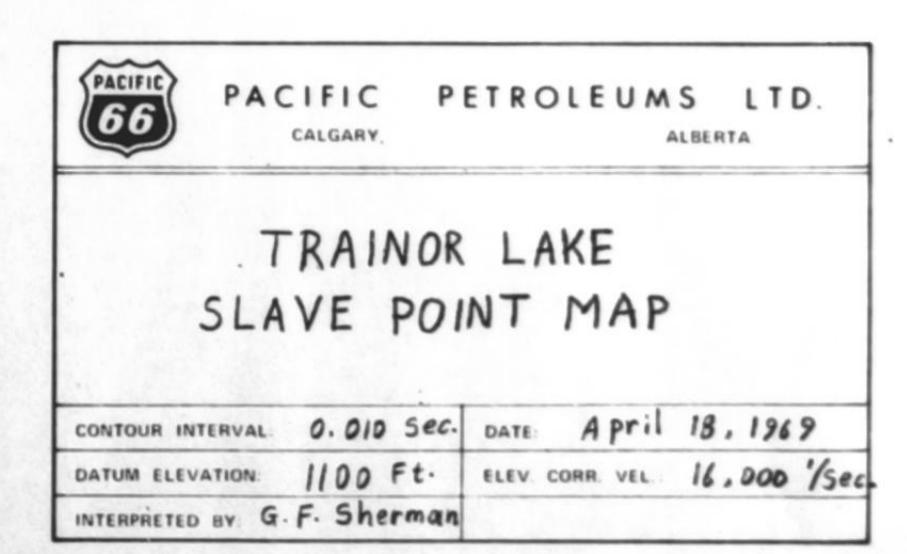
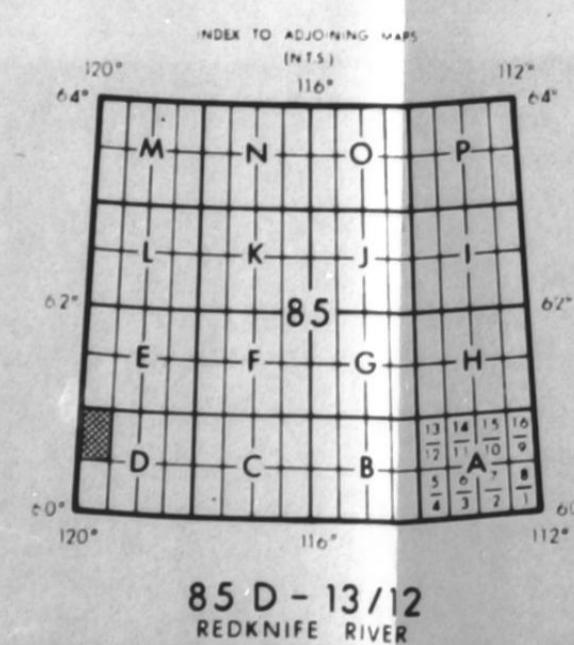
SCALE 1:50,000

1.25 inches to 1 mile approximately

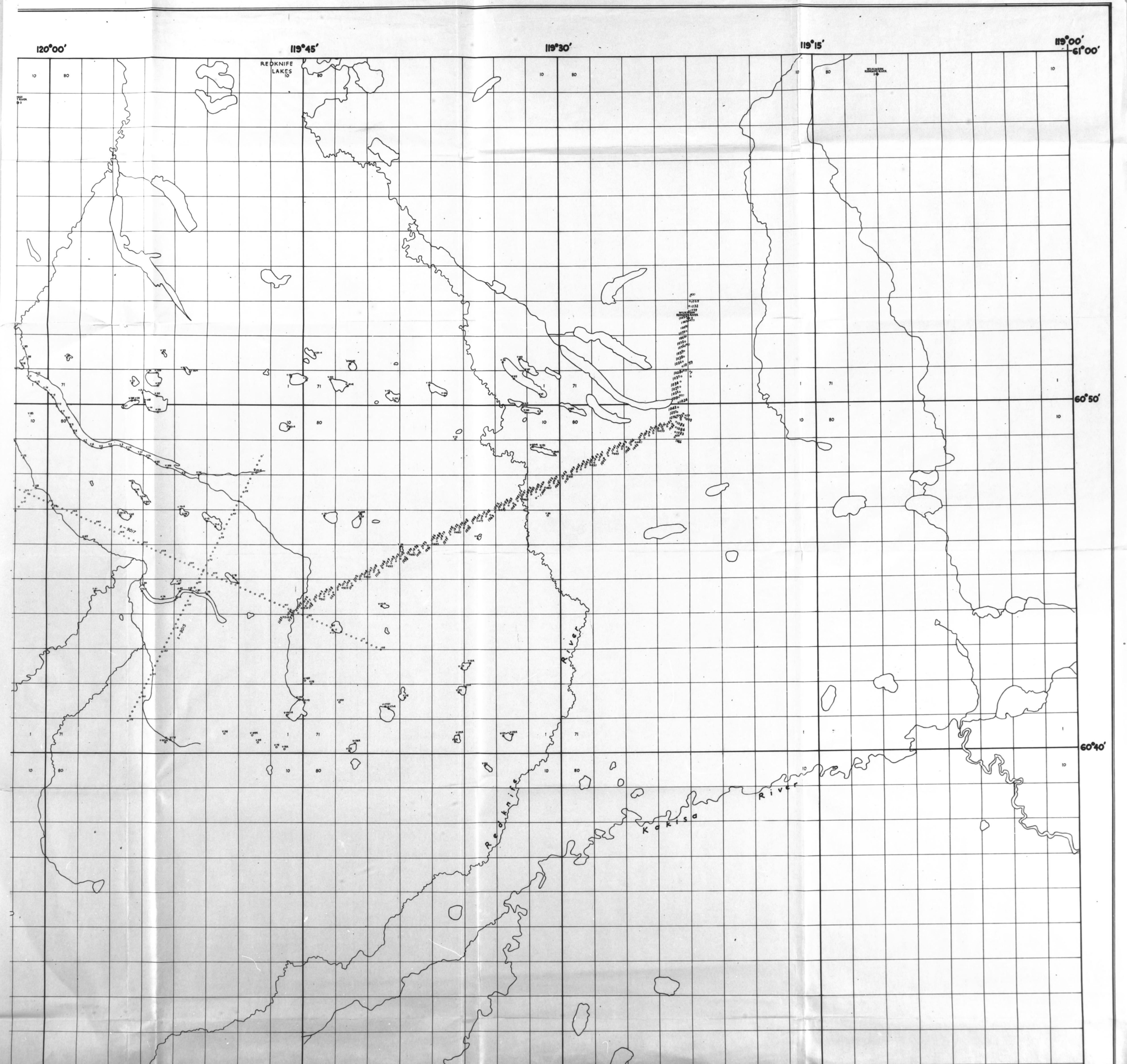
Miles 1 2 3 4
Ft 5000 10000 15000 20000
Meters 1000 2000 3000 4000 5000 6000

North American Datum (1927)
Universal
Transverse Mercator Projection
(Gauss-Krueger)

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2 of 2





120°00'

119°45'

119°30'

119°15'

119°00'

60°30'

60°40'

60°50'

SHOT POINT ELEVATIONS

— LINE PREFIX LEGEND —
 1-3018 - Seismotech
 (TOM format to Pacific)
 u-1 - United Geophysical Shooting

TENNECO OIL COMPANY <small>MEMBER OF TENNECO CORPORATION EXPLORATION DEPT. CALGARY, ALBERTA, CANADA</small>		
TROUT LAKE AREA - N.W.T. <small>(TRAINOR LAKE)</small>		
<small>SCALE : 1 MILE TO 1 INCH</small> <small>DATUM : DATUM</small> <small>*CONTROL : CONTOUR INT.</small> <small>REMARKS : REMARKS</small>	<small>DATE : DATE</small> <small>INTERPRETER : INTERPRETER</small> <small>DECOLLAGE : DECOLLAGE</small> <small>RECORDED : RECORDED</small> <small>TENNECO APPROVED : TENNECO APPROVED</small> <small>DRAWN : DRAWN</small>	<small>A.R.E.</small>
<small>SEISMIC SURVEY BY</small>		