

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

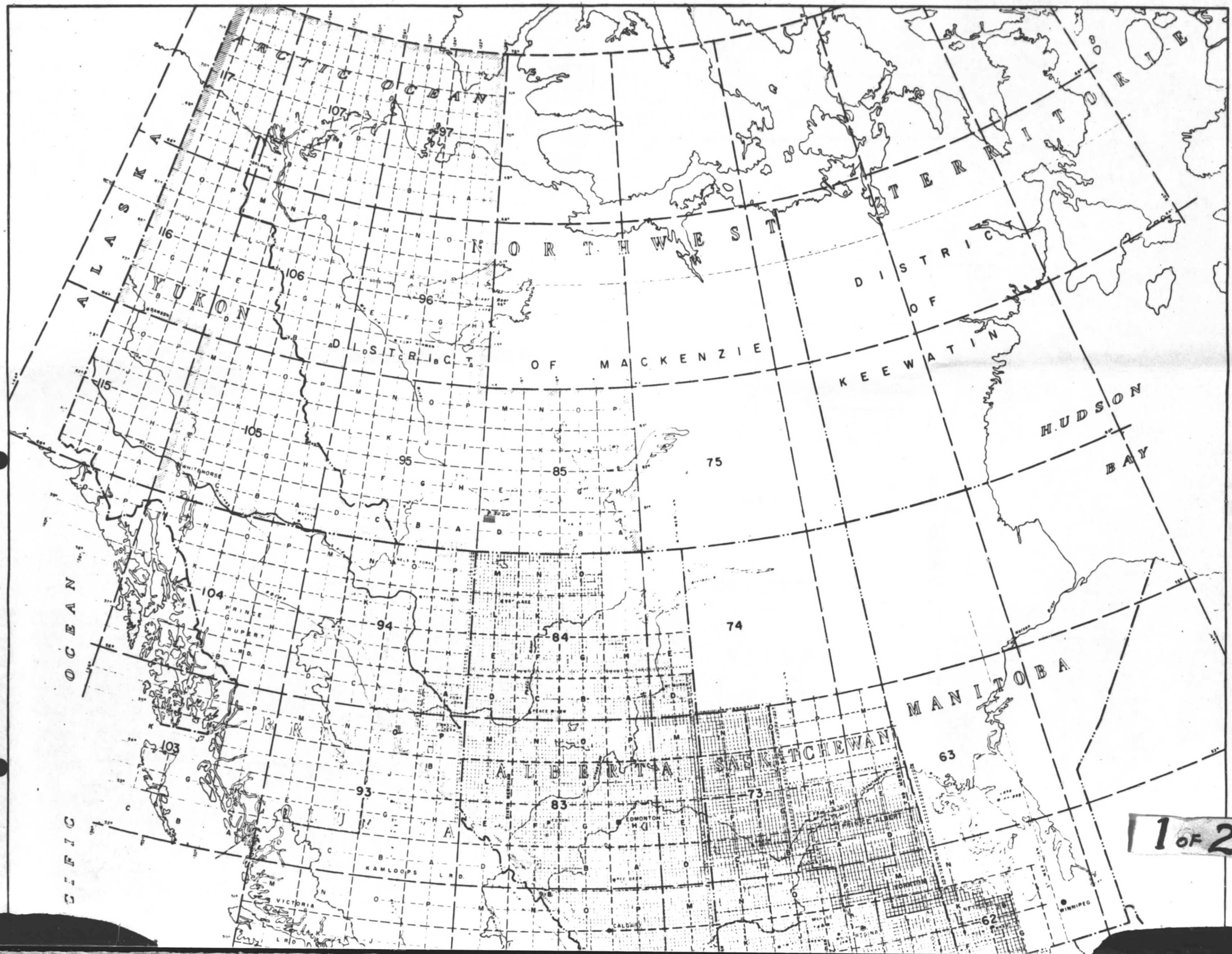


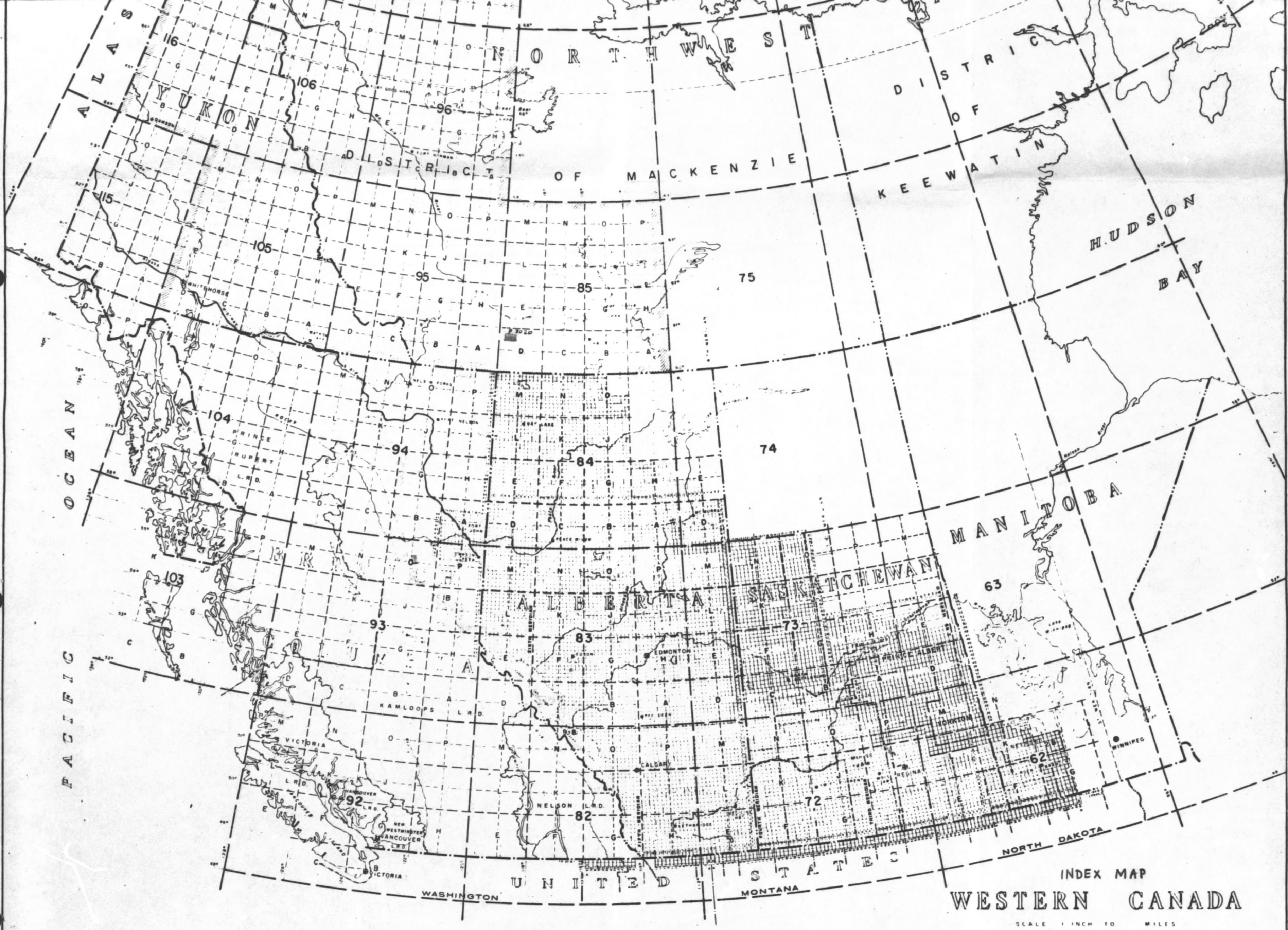
DATE: February 10, 1971

BY: S. Oczkowski

TABLE OF CONTENTS

INDEX MAP	1
INTRODUCTION	2
STATISTICAL DATA	2
INTERPRETATION AND SUMMARY	3





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:	697.5
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

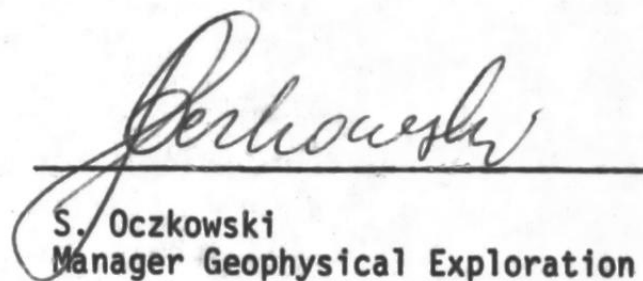
STATISTICAL DATA (cont'd)

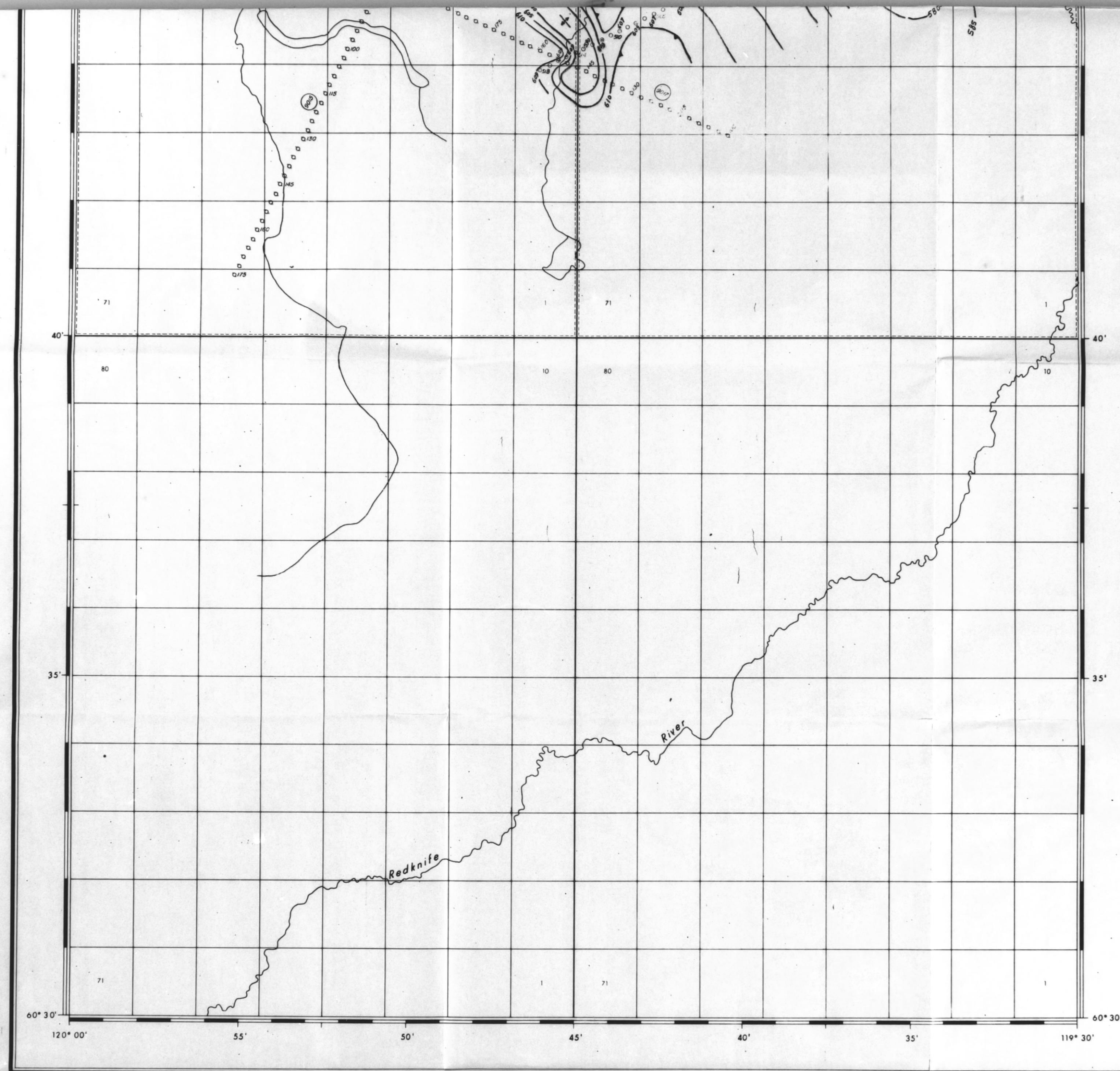
C.D.P. Percent:	300
Charge Size:	5 lbs. per shot point
Distance between Flags:	220 feet
Spread Layout:	2530 - 110 - 110 - 2530
Hole Depth:	Average 45 feet
Sections Prepared:	
Datum -	1100 ft. Above Sea Level
N.S.V. -	16,000 ft. per second
Filter -	15/20 - 55/60 c.p.s. bandpass
Decon -	None
Processed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

INTERPRETATION AND SUMMARY

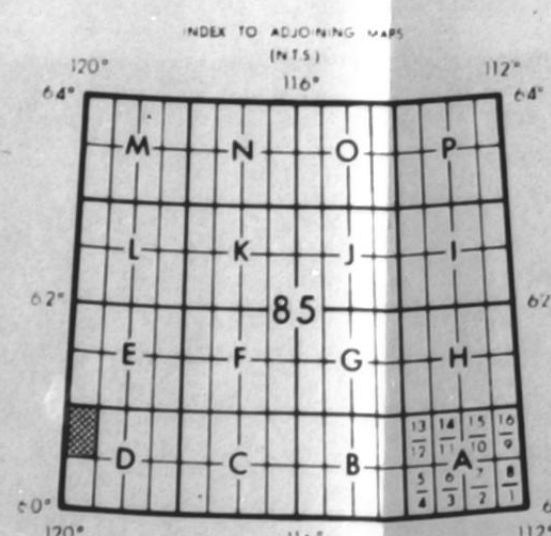
Stacked record cross-sections show that there is only one event to pick, and the Slave Point map is presented.

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


S. Oczkowski
Manager Geophysical Exploration



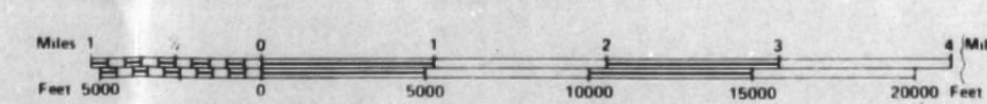
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85 D-13/12
 REDKNIFE RIVER

REDKNIFE RIVER NORTHWEST TERRITORIES

SCALE 1:50,000
 1.25 inches to 1 mile approximately



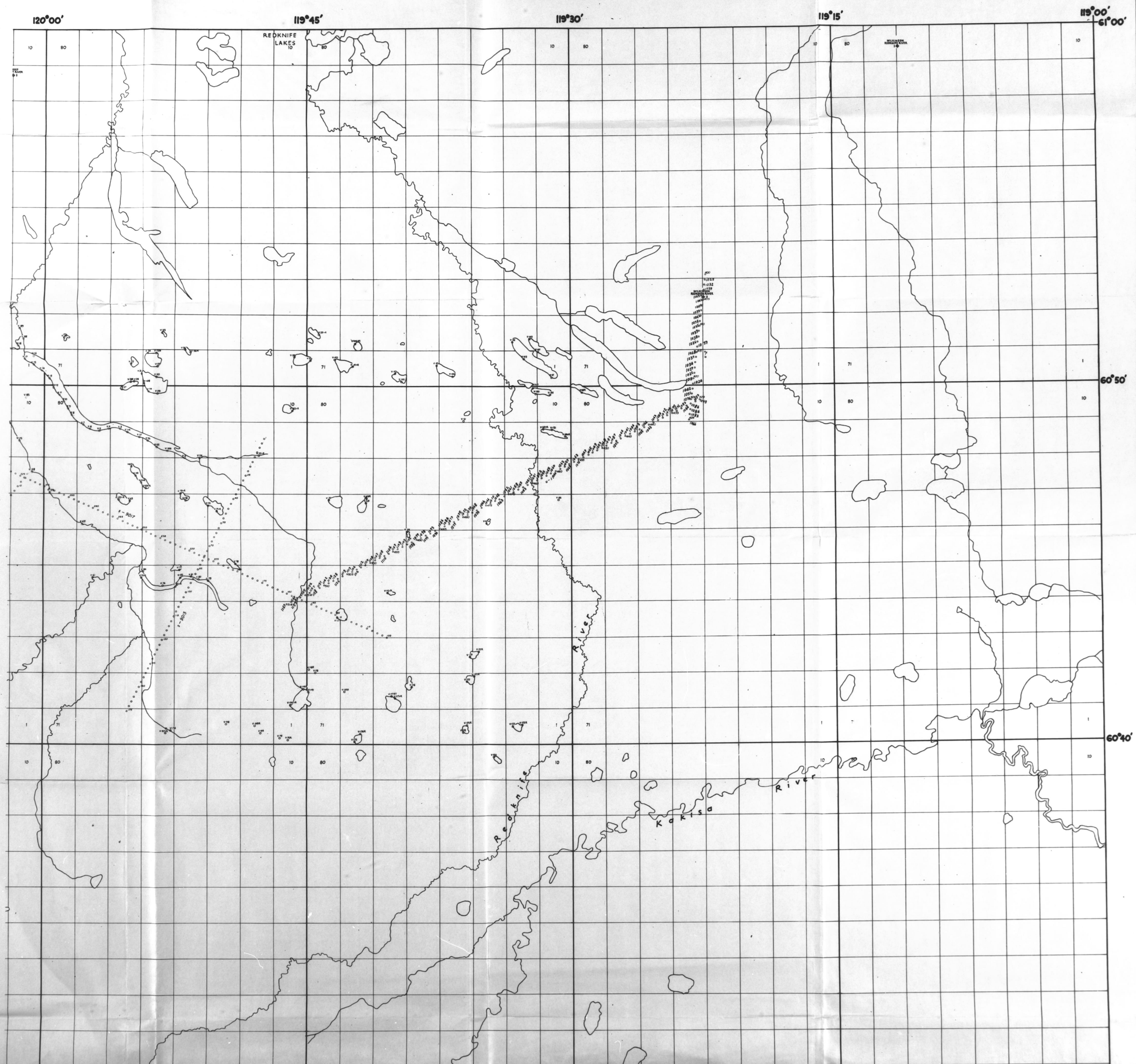
North American Datum 1927
 Universal
 Transverse Mercator Projection
 (Gauss-Krüger)

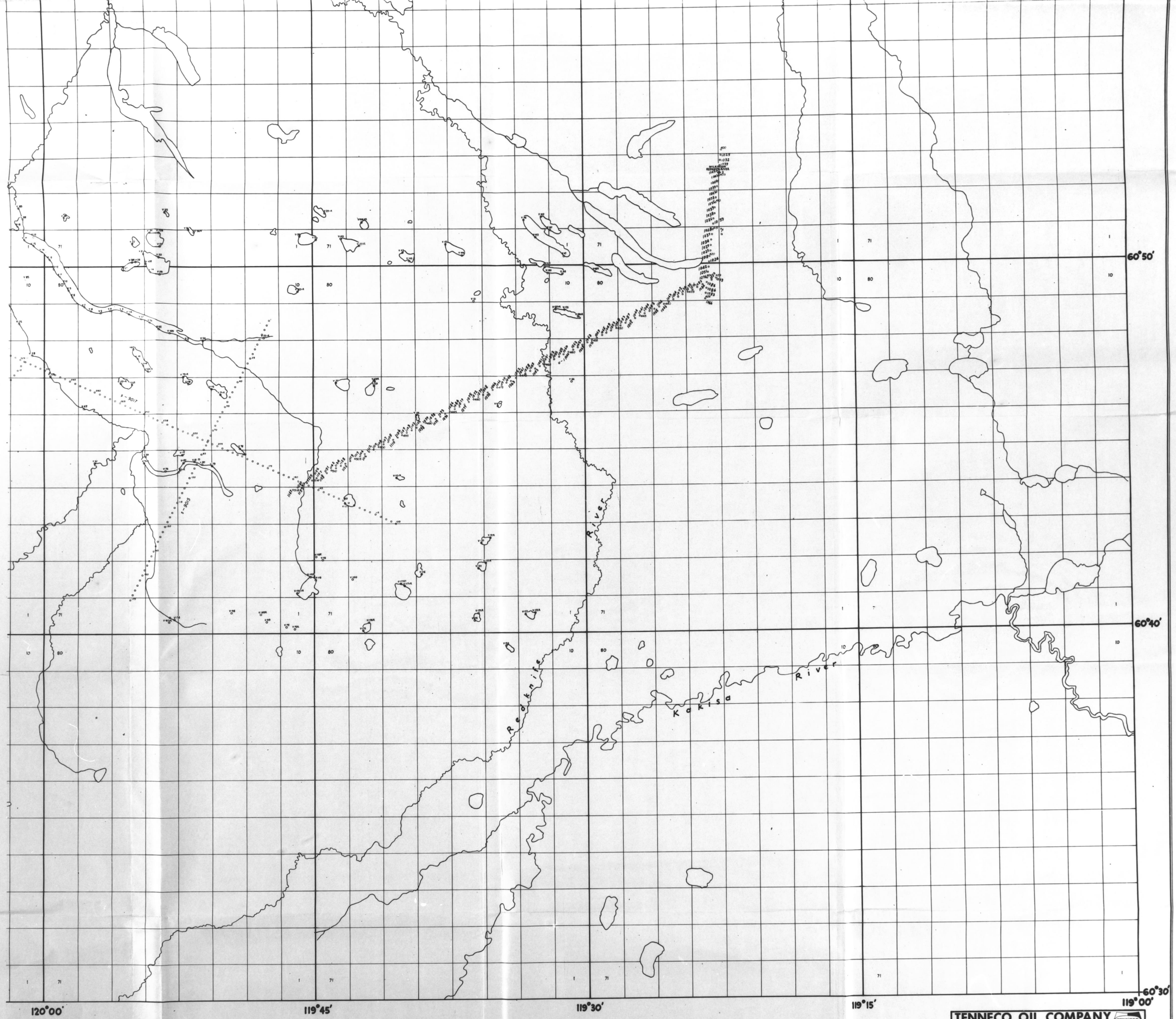
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 CALGARY, ALBERTA

**TRAINOR LAKE
 SLAVE POINT MAP**

CONTOUR INTERVAL 0.010 Sec.	DATE April 18, 1969
DATUM ELEVATION 1100 Ft.	ELEV CORR. VEL 16.000 Y/sec.
INTERPRETED BY G.F. Sherman	





— LINE PREFIX LEGEND —
 1" = 500' : Seismotech
 (TOM Form to Pacific)
 4" = 1" : United Geophysical Shooting

SHOT POINT ELEVATIONS

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