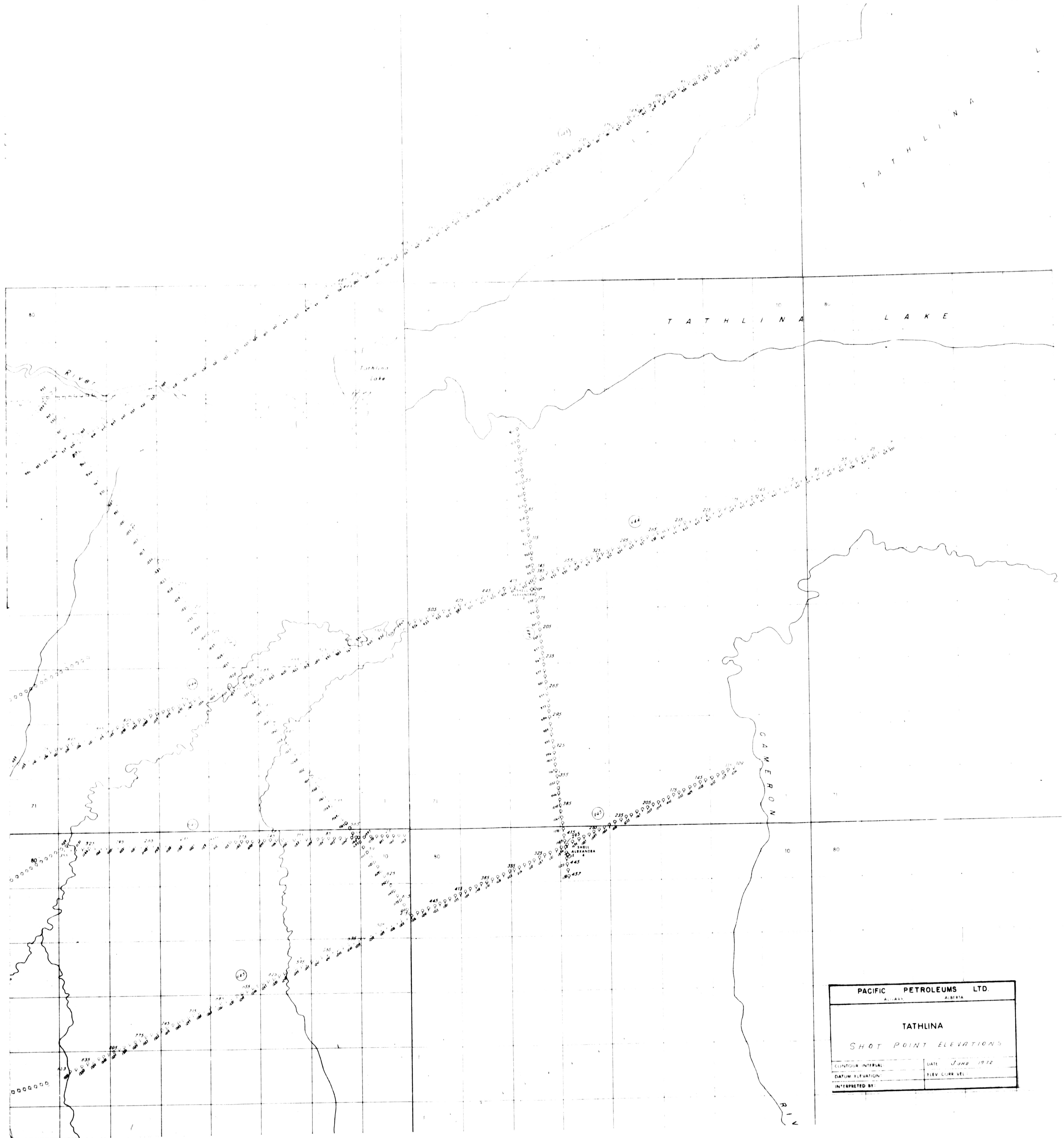
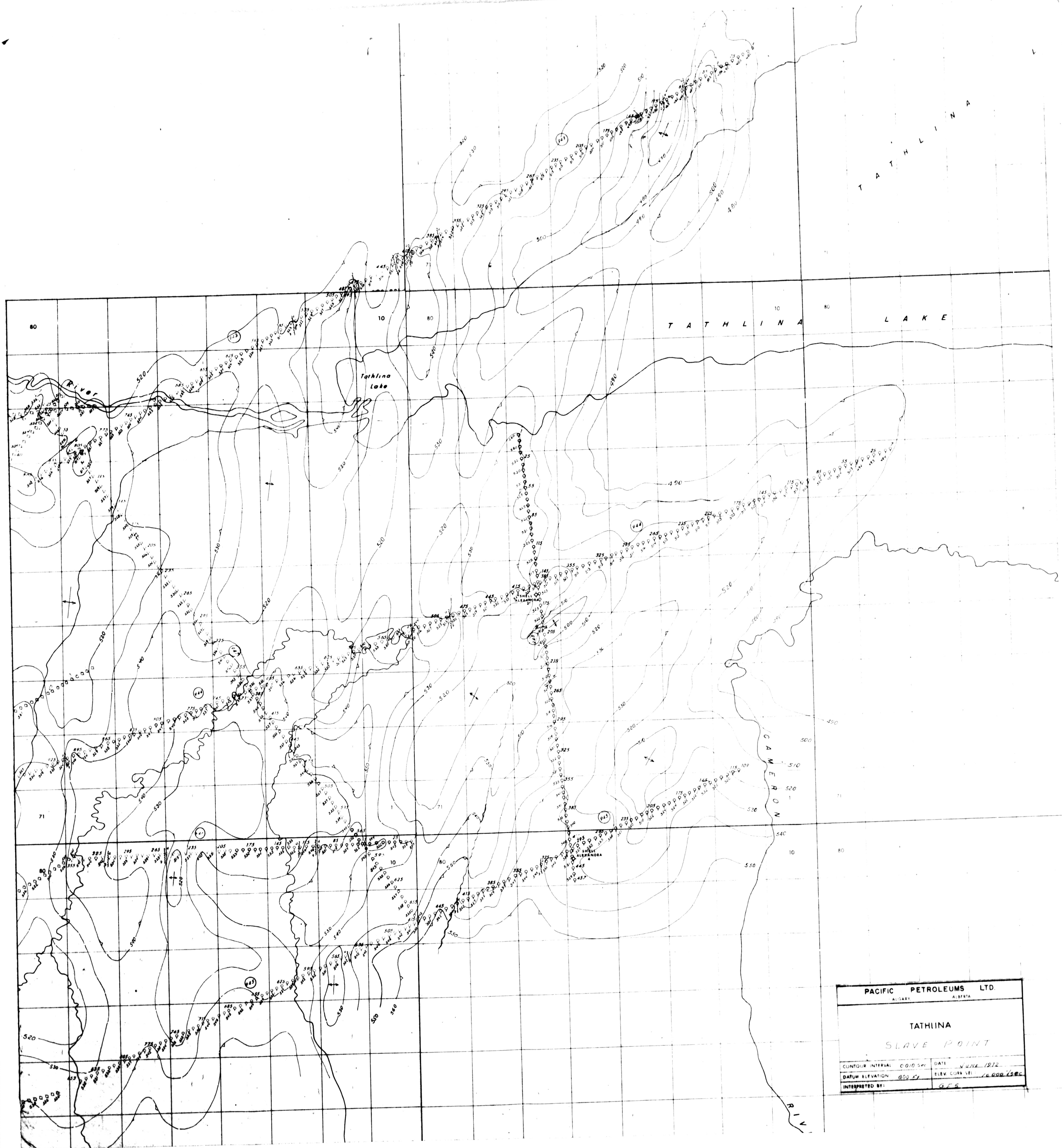




PACIFIC PETROLEUMS LTD.	
ALBERTA	
TATHLINA	
SHOT POINT ELEVATIONS	
CONTOUR INTERVAL	DATE JUNE 1912
DATUM ELEVATION	ELEV CORN VEL
INTERPRETED BY	



PACIFIC PETROLEUMS LTD.	
ALBERTA	ALBERTA
TATHIINA	
SLAVE POINT	
CONTOUR INTERVAL	20.0 Feet
DATE	JUNE 1912
DATUM ELEVATION	800 Feet
ELEV. CORN. SET	10,000 Feet
INTERPRETED BY:	G.F.S.

REFLECTION SEISMOGRAPH SURVEY
TATHILINA AREA, NORTHWEST TERRITORIES
PERMIT NO's. 4138,4139,4140,4593
OCTOBER 15, 1972



**REPORT ON A
REFLECTION SEISMOGRAPH SURVEY
IN THE
TATHLINA AREA OF THE NORTHWEST TERRITORIES
CONDUCTED FOR
PACIFIC PETROLEUMS LTD.
BY
BEAVER GEOPHYSICAL SERVICES
FROM
JANUARY 30, 1972 TO MARCH 3, 1972
ON
PERMIT NO's. 4138, 4139, 4140, 4593**

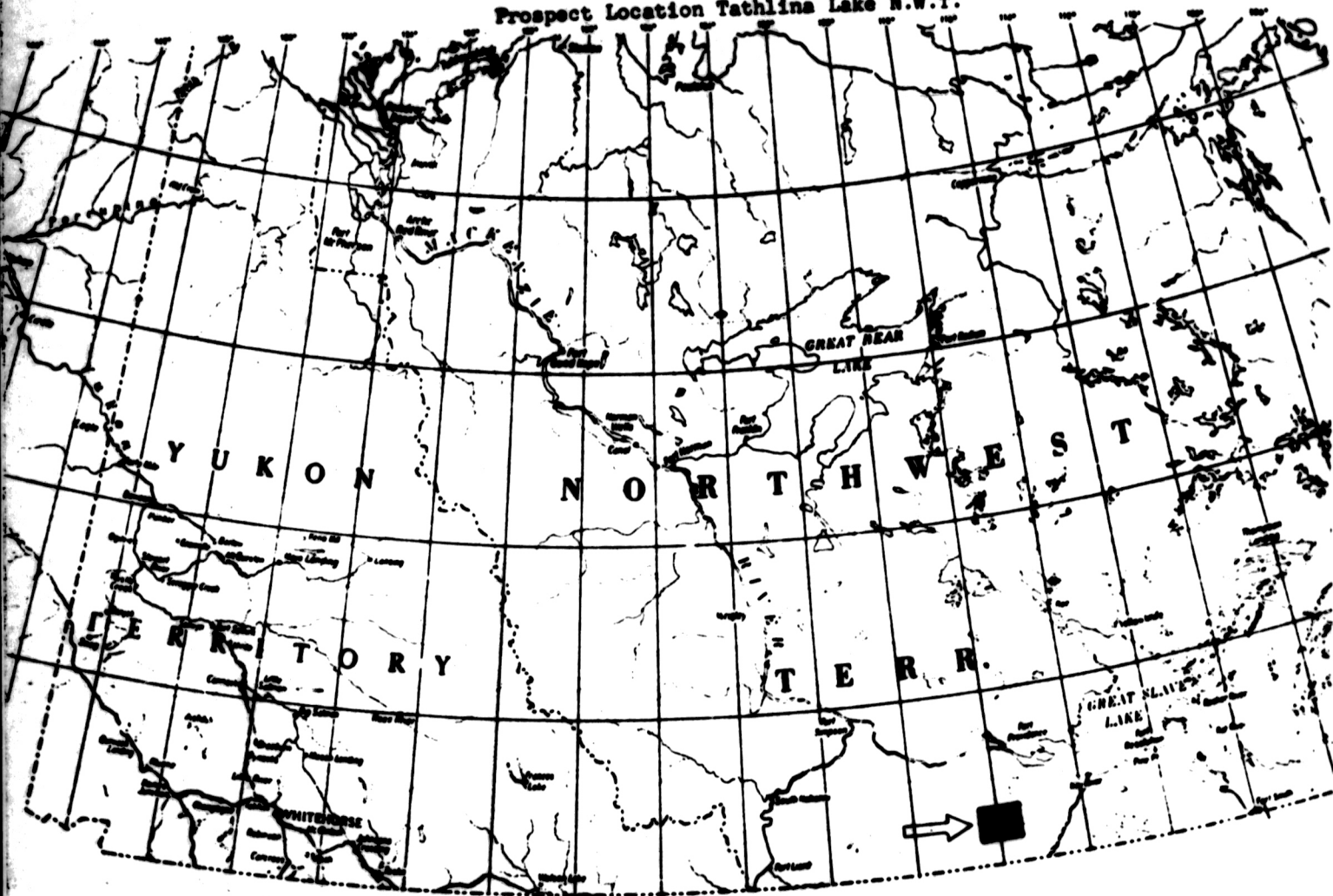
DATE: OCTOBER 15, 1972

BY: S. Oczkowski

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Prospect Location Tathlina Lake N.W.T.



INTRODUCTION

A reflection seismograph survey was conducted in the Tathlina Area on Permits 4138, 4139, 4140 and 4593 between January 30, 1972 and March 3, 1972. Operation's base was a wheeled trailer camp, which was moved as desired to facilitate field operations. Access to the area was via an existing bush trail from Mile 331 of the MacKenzie Highway. The results of this survey are illustrated by the structure map of the Slave Point formation enclosed in the attached folder.

STATISTICAL DATA

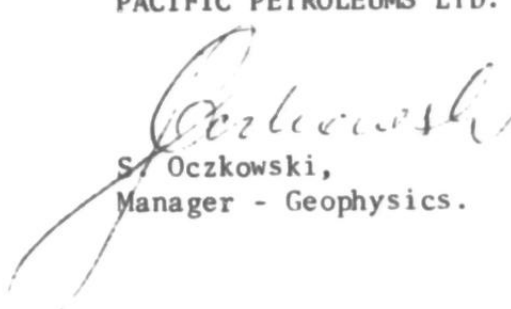
Mobilization Date:	January 2, 1972
Recording Commenced:	January 30, 1972
Recording Completed:	March 3, 1972
Date Operations Ceased:	March 5, 1972
Number of Miles Shot:	84.3
Energy Source:	Dinoseis (Two 24" GSC 24E guns mounted on each of 3 wheeled units)
Average Miles Per Day:	2.6
Number of Days Worked:	33
Instrument Type:	Tiac DFS IV
Vehicle Type:	Tracked
Party Manager:	Mr. W. Wetherson
Number of Personnel on Crew:	22
Surveying Instrument:	Wild T-16 Theodolite
Surveying Control:	Corner pin at the northeast corner of Sec 36, Twp 131, Rge 1 W6 M
Radio Liason:	Single side band and mobile
CDP Percent:	400%
Geophone Station Interval:	110 feet
Spread Length	2640 feet
Sections prepared:	- Structure - Datum - 600 Ft. A.S.L. - N.S.V.- 4600'/second - Correction Vel - 15,000'/second - Filter - 15/20 - 60/65
Processed By:	Pacific Petroleums Ltd.

INTERPRETATION AND SUMMARY

The Slave Point horizon was identified from the four-fold stacked sections. Correlation of this event presented no problem over the entire area. The enclosed map portrays the interpretation of this event in the Tathlina Area of the Northwest Territories.

Respectfully submitted,

PACIFIC PETROLEUMS LTD.



S. Oczkowski,
Manager - Geophysics.

GFS/1a1.
Encl.