



REPORT ON A
REFLECTION SEISMOGRAPH SURVEY
IN THE
MARTIN HOUSE AREA OF THE NORTHWEST TERRITORIES
CONDUCTED FOR
PACIFIC PETROLEUMS LTD.
BY _____
CENTURY GEOPHYSICAL CORPORATION OF CANADA
FROM
APRIL 2, 1972 TO APRIL 27, 1972
ON
PERMIT NO. 6453

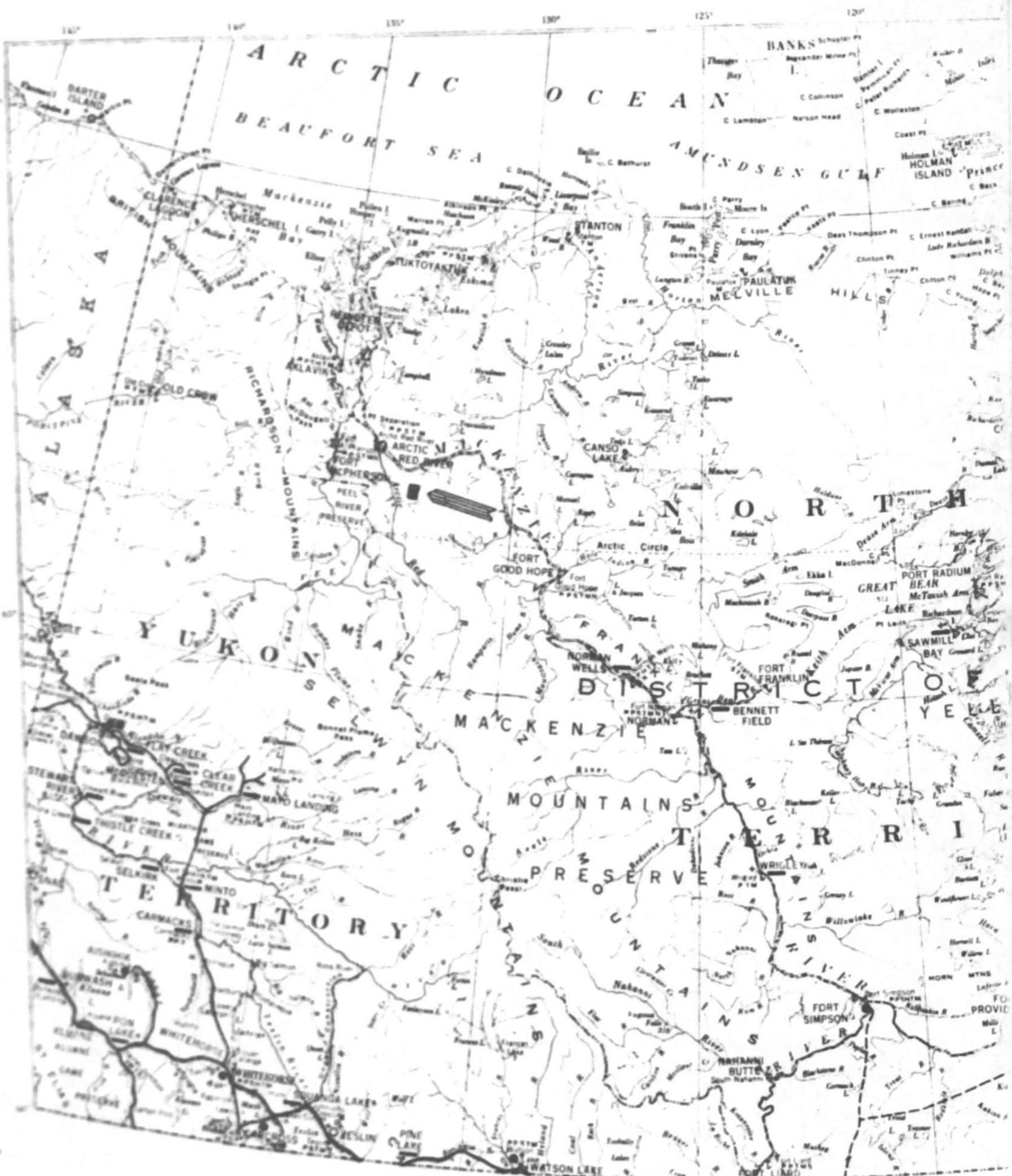
*Abstracted for
Geo-Science Data Index*

Date _____

DATE: JUNE 30, 1972
BY: S. OCZKOWSKI

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INTRODUCTION

A reflection seismograph survey was conducted in the Martin House Area on Permit 6453 between April 15, 1972 and April 25, 1972. A trailer camp was established on Line F and Line B, within the Permit Area. Access to the Permit was from Little Chicago, approximately eighty miles to the east. The results of this survey are illustrated by the structure map of the Hume formation enclosed in the attached folder.

STATISTICAL DATA

Mobilization Date:	April 2, 1972
Recording Commenced:	April 15, 1972
Recording Completed:	April 25, 1972
Date Operations Ceased:	April 27, 1972
Number of Miles Shot:	52
Number of Shots:	572
Average Miles Per Day:	4.7
Number of Days Worked:	11
Instrument Type:	DFS - III with binary gain
Vehicle Type:	Tracked
Number of Drill Shifts:	Six
Party Manager:	K. Oszust
Number of Personnel on Crew:	Fifteen
Surveying Instrument:	Wild T-16 Theodolite
Surveying Control:	Horizontal and vertical established from a former seismic survey
Radio Liason:	Communication from field to land phone was established via a CH-25 Marconi Single Sideband Radio under call letters SU-344 registered in Fort Nelson
CDP Percent:	400%
Charge Size:	5.4 lbs.
Geophone Station Interval:	150 feet
Spread Length:	1800-150-0-150-1800 feet
Hole Depth:	45 feet
Sections Prepared:	- Structure - Datum - 200 feet - NSV - 10,000 ft/sec - Filter - 12/16 - 55/60 c.p.s.
Processed By:	Pacific Petroleum Ltd.

INTERPRETATION AND SUMMARY

The Hume horizon was identified from the four-fold stacked section. Correlation of this event presented no problem over the entire area. The enclosed map portrays the interpretation of this event in the Martin House Area.

Respectfully submitted,

PACIFIC PETROLEUMS LTD.

S. Oczkowski
S. Oczkowski,
Manager - Geophysics.

GFS/slr.
Encl.