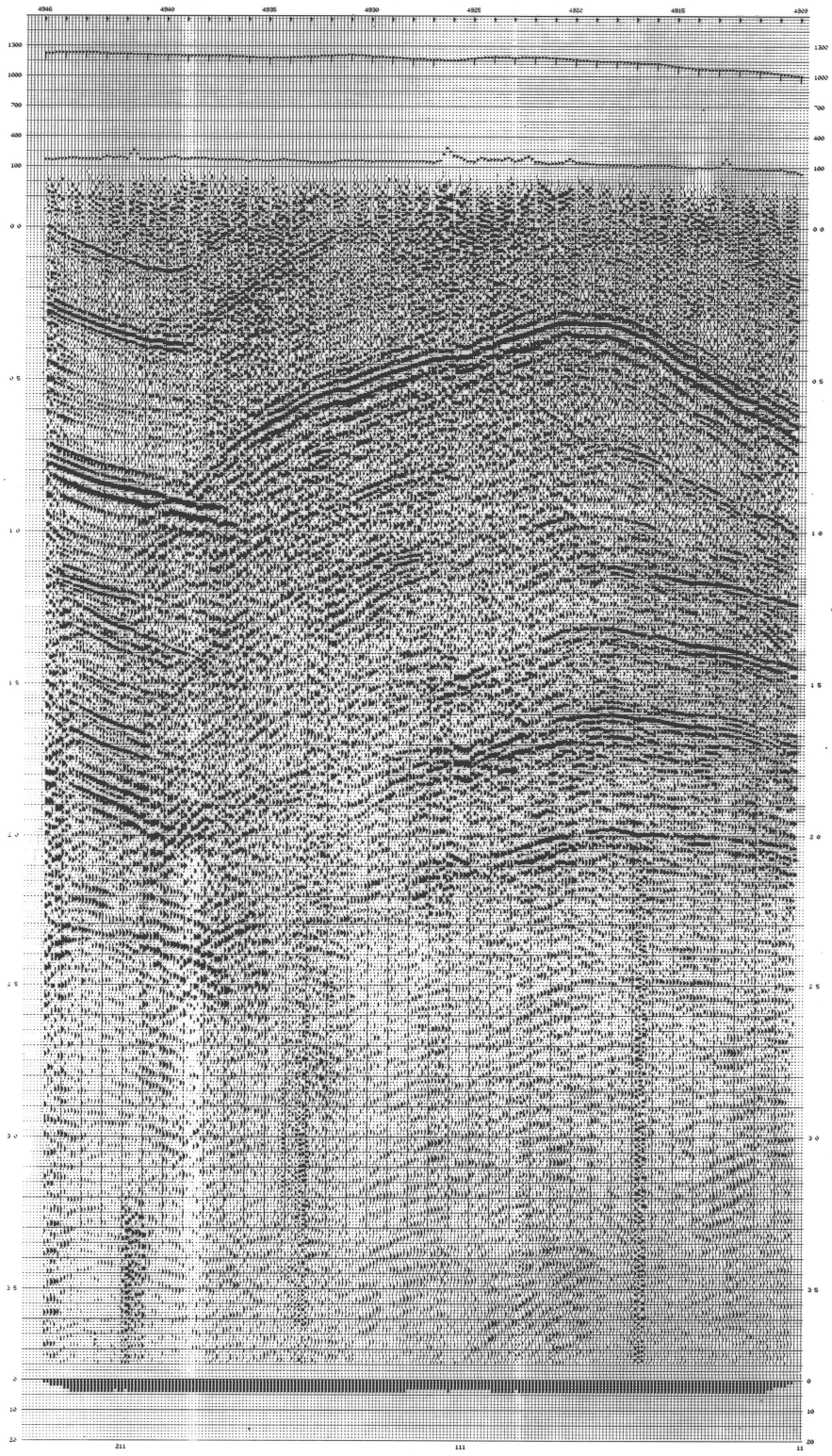

GEO-X SYSTEMS CALGARY

LINE: 36-75 TYPE: S-RP
DIRECTION ——→ N.E.
PROJECT: MACKENZIE
LOCATION: N.W.T.
CLIENT: PETRO-CANADA EXPLORATION INC.

SHOT BY MOBIL OIL, PTY. 36-7 DATE 3/71

SPREAD 3600'-300'x300'-3600'
SOURCE DINGLE AND TWO HOLES OVER 100' at 60'
RECEIVERS EV-20B, 14Hz, 18 OVER 170'
SOURCE INTERVAL 900' GROUP INTERVAL 300'

AMPLIFIERS DFS III FIELD FILTER 18-62
GAIN MODE BINARY TAPE FORMAT SEG A

PROCESSED AT GEO-X DATE: 10/81

1 DIGITAL CONVERSION SAMPLE RATE 2 ms
2 AMPLITUDE RECOVERY $A \times t^{1}$

PREFILTER
3 DECONVOLUTION TYPE SPIKING
OPERATOR LENGTH 60 ms. PREWHITENING 1 %
DESIGN GATE 300-2100 ms. SLOPING
4 STRUCTURAL CORRECTIONS
DATUM 1 ft DATUM VELOCITY 11,500 ft/sec
PROCESSING DATUM -250ms.
☒ ELEVATIONS ☒ WEATHERING ☒ DRIFT
10 ANALYSIS STATICS AI SURFACE CONSISTENT STATICS
5 11 MOVEOUT (5) PRELIMINARY (11) FINAL
6 SCALING
7 12 STATICS (7) SURFACE STACK RESIDUAL
(12) CROSS CORRELATION
( )
8 WORK SECTION DISPLAY
9 TRACE KILLS
13 MUTE DISTANCE (ft) 1800 3600
TIME (ms.) ±50 500
14 GATHER FOLD 4
15 STACK STACK REEL
16 FILTER (16) 14/18-70/80
( )
( )
ADDITIONAL PROCESSING
( )
( )
17 EQUALIZATION

terra surveys ltd
2080 Walkley Rd. Ottawa, Ont. Canada K1G 3P5
Tel. (613) 731-9571
Telex: 053-3502 Cable: TERRA

PROJ. NO. 2 4 6 0 6 0 4 1 1 2

LINE NO. 3 6 - 7 5

PART NO. 1 OF 1

R.R. 10X