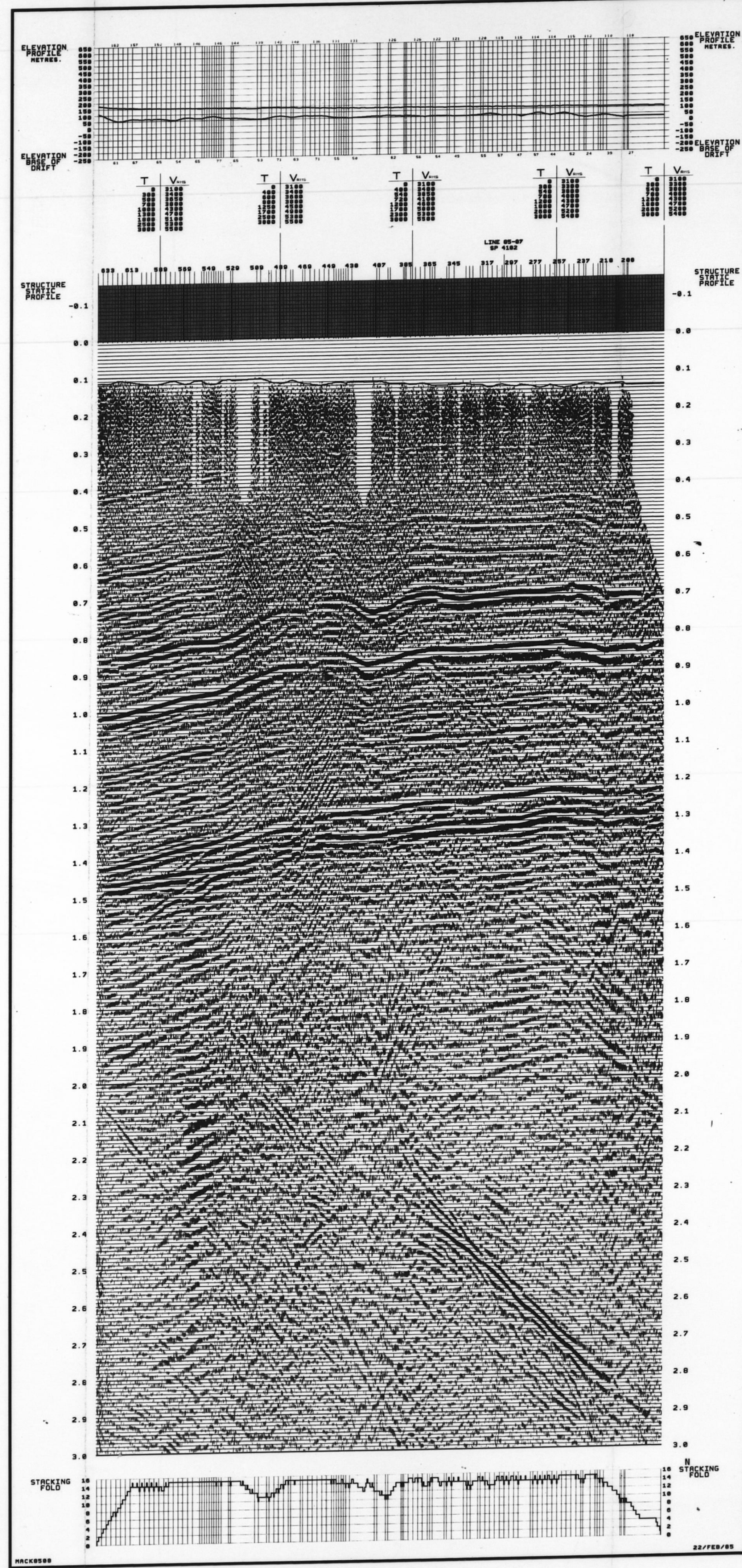




SIGMA EXPLORATIONS (1978) LTD.
SUITE 702 CALGARY HOUSE PHONE 284-7888
300-4TH AVENUE S.W. CALGARY, ALBERTA T2P 0B2

**NORMAL POLARITY
STRUCTURE SECTION**

LINE NO: 85 - 08
AREA: MACKENZIE PLAIN (85)
DIRECTION: NORTHEAST
DATUM: 400 M

PROCESSED FOR:
SIGMA EXPLORATIONS (1978) LTD.
DATE PROCESSED: FEBRUARY, 1985 DATE SHOT: DECEMBER, 1984
SHOT BY: DENVER GEOPHYSICAL A DIVISION OF
LINE RESOURCE INFORMATION INC.

FIELD PARAMETERS

SOURCE TYPE	DYNAMITE	INSTRUMENTATION	DP5V
CHARGE SIZE	2 X 1 KG.	GAIN MODE	ZFP
PATTERN	2 X 25 M APART	FIELD FILTER	12/120 NOTCH OUT
HOLE DEPTH	9 M	GROUP INTERVAL	25 M
SOURCE INTERVAL	100 M	GEOPHONE TYPE	ARKC - 18 HEATS
RECORD LENGTH	4 SECONDS	GEOPHONE LAYOUT	9 OVER 25 M
SAMPLE INTERVAL	2 MS	COVERAGE	1500 X

SPREAD TRACE 1 - 60 X 61 - 120
DISTANCE 1500 - 25 - X - 25 - 1500 M

DISPLAY PARAMETERS

TRACES/INCH 80 INCHES/SEC 7.5

PROCESSING PARAMETERS

- 1 DEMULTIPLY
SAMPLE RATE 4 SECOND RECORD LENGTH 2 MS
RECORDED 2 MS
PROCESSED 2 MS
- 2 RELATIVE TRUE AMPLITUDE RECOVERY
EXPONENTIAL DECT AND DISTANCE DEPENDENT RESIDUAL ANALYSIS
- 3 INSTRUMENT AND GEOPHONE DEPHASING
- 4 DECONVOLUTION - SPIKING
OPERATOR 88 MS PREWHITENING 1.0 X
FILTER DESIGN GATE 200 - 2000 MS X 25 M APPL. GATE 0 - 4000 MS
FILTER DESIGN GATE 600 - 2000 MS X 1500 M APPL. GATE 0 - 4000 MS
- 5 TRACE GATHER
- 6 VELOCITY ANALYSIS
- 7 NORMAL MOVEOUT
- 8 STRUCTURE STATICS - DRIFT CORRECTION
DATUM ELEVATION 400 M
REPLACEMENT VELOCITY 1700 M/SEC
- 9 STATICS - AUTOMATIC SURFACE CONSISTENT
WINDOW 1 500 - 1500 X MS
- 10 FIRST BREAK MUTES
DISTANCE 1 220 225 1500 1000 X M
TIME 1 0 400 700 1100 X MS
- 11 TRIM STATICS
WINDOW 1 500 - 1500 X MS
- 12 STACK
15 FOLD
- 13 FILTER - DIGITAL BANDPASS
PASS BAND 16/22 - 86/50 APPL. GATE 0 - 1500 MS
16/15 - 56/50 APPL. GATE 1700 - 4000 MS
- 14 AMPLITUDE EQUALIZATION -
DATA INDEPENDENT SCALING

SIGMA EXPLORATIONS (1978) LTD. RETAINS ALL RIGHTS TO SALE
AND TRADE OF THIS DATA. RECIPIENT AGREES TO NON-EXCLUSIVE
RIGHT TO USE THIS DATA AND AGREES NOT TO TRADE, SELL, NOR
GIVE THE DATA TO ANY THIRD PARTY WITHOUT PRIOR WRITTEN
PERMISSION OF SIGMA.