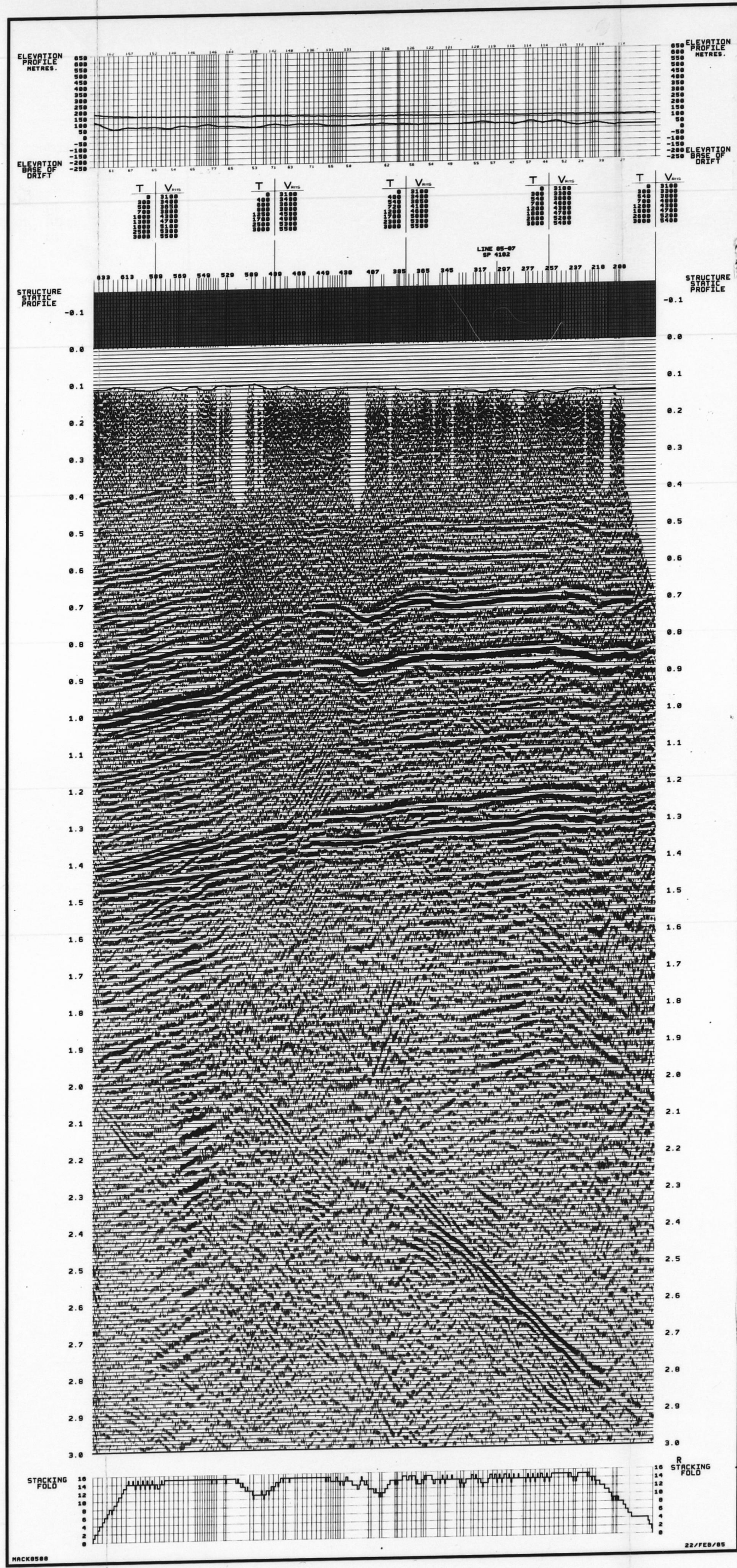


9229-840-1P



SIGMA EXPLORATIONS (1978) LTD.
SUITE 728 CALGARY HOUSE, PHONE 284-7885
550 - 6TH AVENUE S.W., CALGARY, ALBERTA T2P 0Z2

**REVERSE 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: SEVERER GEOPHYSICAL A DIVISION OF
LINE RESOURCE INFORMATION INC.

FIELD PARAMETERS

SOURCE TYPE	DYNAMIC	INSTRUMENTATION	DSV
CHARGE SIZE	2 X 1 KG.	GAZE MODE	1PP
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	8000 - 10 HERTZ
RECORD LENGTH	4 SECONDS	GEOPHONE LAYOUT	9 OVER 25 M
SAMPLE INTERVAL	2 MS	COVERAGE	1500 Z

SPREAD TRACE 1 - 60 X 81 - 120
DISTANCE 1500 - 25 - X - 25 - 1500 M

DISPLAY PARAMETERS

TRACES/INCH	80	INCHES/SEC	7.5
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PROCESSING PARAMETERS

- 1 DEMULTIPLY
SAMPLE RATE 4 SECONDS
RECORDED 2 MS
PROCESSED 2 MS
- 2 RELATIVE TRUE AMPLITUDE RECOVERY
EXPONENTIAL DECK AND DISTANCE DEPENDENT RESIDUAL ANALYSIS
- 3 INSTRUMENT AND GEOPHONE DEPHASING
- 4 DECONVOLUTION - SPIKING
OPERATOR 80 MS PREWHITENING 1.0 Z
FILTER DESIGN GATE 200 - 2000 MS X 25 M APPL. GATE 8 - 4000 MS
FILTER DESIGN GATE 800 - 2000 MS X 1500 M APPL. GATE 8 - 4000 MS
- 5 TRACE GATHER
- 6 VELOCITY ANALYSIS
- 7 NORMAL MOVEOUT
- 8 STRUCTURE STATICS - DRIFT CORRECTION
DATUM ELEVATION 400 M
REPLACEMENT VELOCITY 3700 M/SEC
- 9 STATICS - AUTOMATIC SURFACE CONSISTENT
WINDOW (500 - 1000) MS
- 10 FIRST BREAK MUTES
DISTANCE (220 225 1500 2000) M
TIME (0 600 700 1100) MS
- 11 TRIM STATICS
WINDOW (500 - 1000) MS
- 12 STACK
15 FOLD
- 13 FILTER - DIGITAL BANDPASS
PASS BAND 16/22 - 80/90
16/15 - 80/90
APPL. GATE 8 - 1500 MS
APPL. GATE 1700 - 4000 MS
- 14 AMPLITUDE EQUALIZATION -
DATA INDEPENDENT SCALING

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