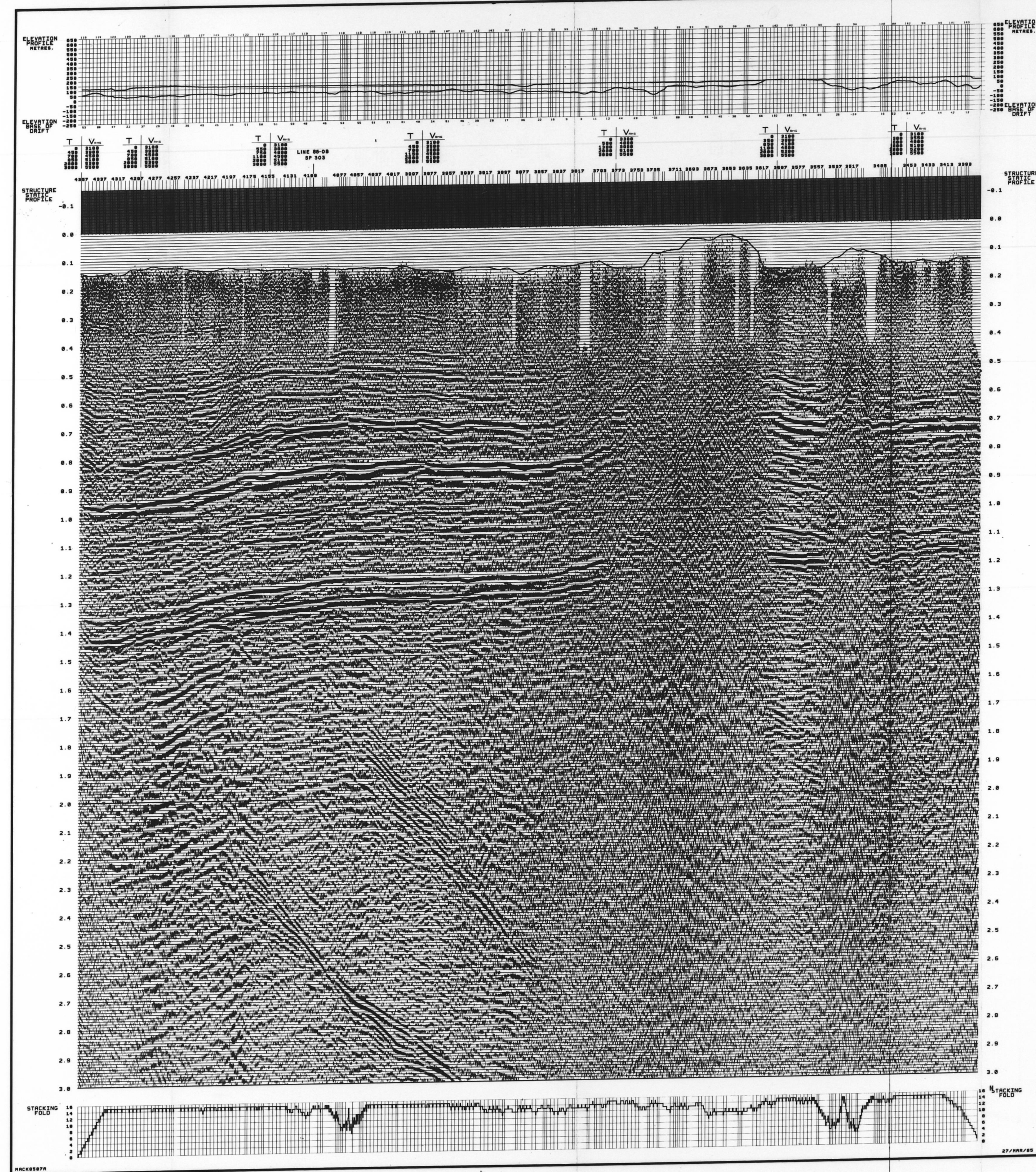




SIGMA EXPLORATIONS (1978) LTD.
SUITE 204 CALGARY HOUSE PHONE 204-7800
500 - 4TH AVENUE S.W. CALGARY, ALBERTA T2P 0S2

NORMAL POLARITY
STRUCTURE SECTION

LINE NO: 85 - 07
AREA: MACKENZIE PLAIN (85)
DIRECTION: NORTH
DATUM: 400 M

PROCESSED BY:
BEAVER SEISMIC PROCESSORS

DATE PROCESSED: NOVEMBER, 1984 DATE SHOT: NOVEMBER, 1984
SHOT BY: BEAVER GEOPHYSICAL A DIVISION OF
LINE RESOURCE INFORMATION INC.

FIELD PARAMETERS
SOURCE TYPE: DYNAMITE INSTRUMENTATION: DSV
CHARGE SIZE: 2 X 1 KG. GAIN MODE: IFP
PATTERN: 2 X 25 M APART FIELD FILTER: 12/120 NOTCH OUT
HOLE DEPTH: 0 M GROUP INTERVAL: 25 M
SOURCE INTERVAL: 100 M GEOPHONE TYPE: DRK - 10 HERTZ
RECORD LENGTH: 4 SECONDS GEOPHONE LAYOUT: 5 OVER 25 M
SAMPLE INTERVAL: 2 MS COVERAGE: 1500 X
SPREAD FORCE: 1 - 00 2 01 - 120
DISTANCE: 1500 - 25 - X - 25 - 1500 M

DISPLAY PARAMETERS
TRACES/INCH: 88 INCHES/SEC: 7.5

PROCESSING PARAMETERS

- 1 DEMULTIPLY
RECORDED: 2 MS SAMPLE RATE: 500 HZ RECORD LENGTH: 4 SECOND
PROCESSED: 2 MS
- 2 RELATIVE TRUE AMPLITUDE RECOVERY
EXPONENTIAL DECAY AND DISTANCE DEPENDENT RESIDUAL ANALYSIS
- 3 INSTRUMENT AND GEOPHONE DEPHASING
- 4 DECONVOLUTION - SPIKING
OPERATOR: 80 MS PREWITTING: 1.0 X
FILTER DESIGN GATE: 200 - 2000 MS = 25 M APPL. GATE 0 - 4000 MS
FILTER DESIGN GATE: 600 - 2000 MS = 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: 3700 M/SEC
- 9 STATICS - AUTOMATIC SURFACE CONSISTENT
WINDOW: (500 - 1500) MS
- 10 FIRST BREAK MUTES
DISTANCE: (220 225 1500 3000) M
TIME: (0 400 700 1100) MS
- 11 TRIM STATICS
WINDOW: (500 - 1500) MS
- 12 STACK
15 FOLD
- 13 FILTER - DIGITAL BANDPASS
PASS BAND: 10/22 - 80/90
10/25 - 10/30
APPL. GATE: 0 - 1500 MS
APPL. GATE: 1700 - 4000 MS
- 14 AMPLITUDE EQUALIZATION -
DATA INDEPENDENT SCALING

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AND TRADING OF THIS DATA. RECIPIENT ACQUIRES A NON-EXCLUSIVE
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