

PROJ. NO.

9 2 2 9 - 5 4 0 - 1 P

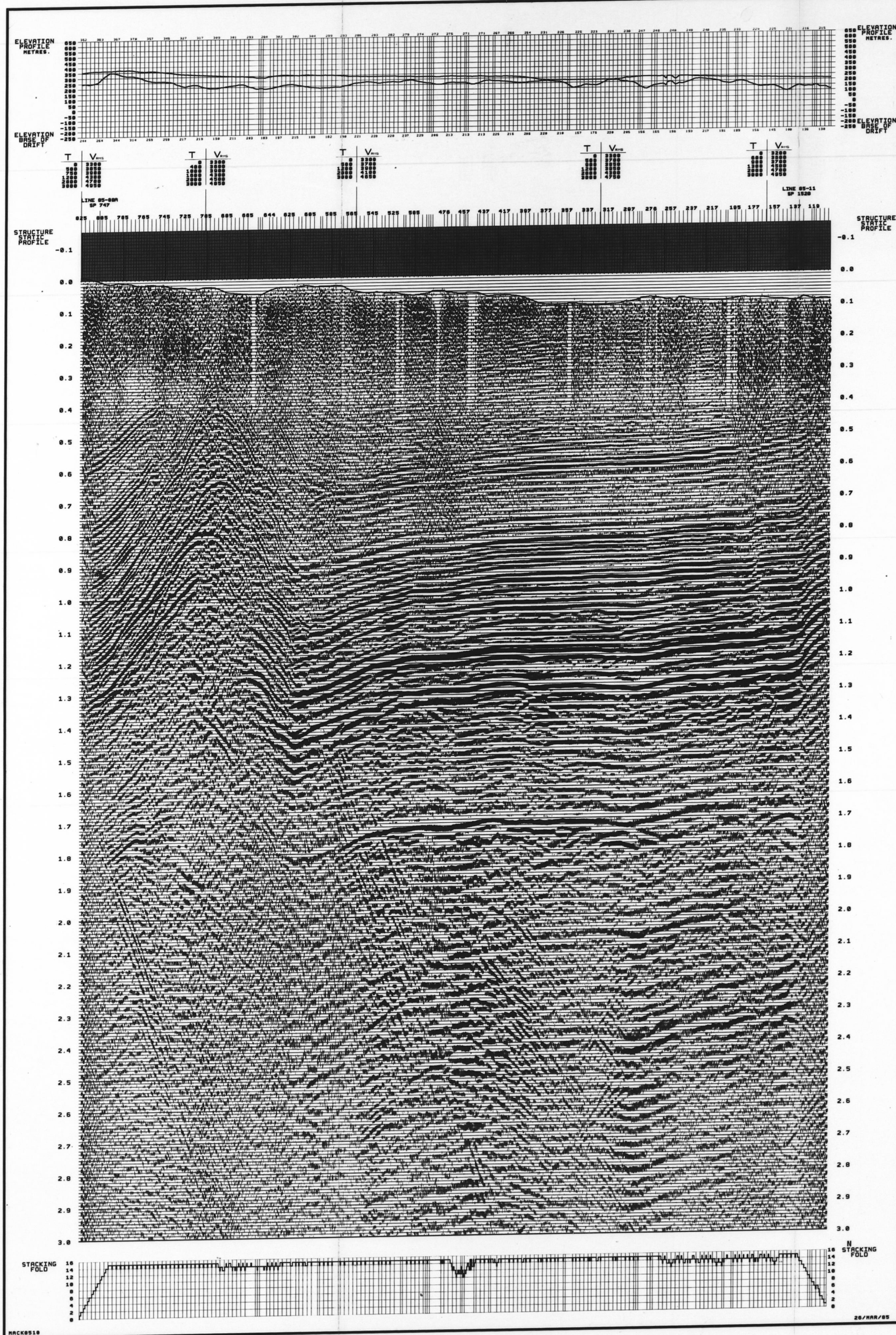
LINE NO.

8 5 - 1 0

PART NO.

1 OF 1

R.R. 10X



9 2 2 9 - 5 4 0 - 1 P

SIGMA EXPLORATIONS (1978) LTD.  
SUITE 725 CALGARY HOUSE PHONE 264-7865  
550 - 5TH AVENUE S.W. CALGARY, ALBERTA T2P 0S2

### NORMAL POLARITY STRUCTURE SECTION

LINE NO: 85 - 10  
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     | STANDARD       | 2000/2000/2000  | DFV              |
| CHARGE SIZE     | 2 X 1 G.       | GAIN MODE       | 1FP              |
| 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   | HADE - 10 HERTZ  |
| RECORD LENGTH   | 4 SECONDS      | GEOPHONE LAYOUT | 9 OVER 25 M      |
| SAMPLE INTERVAL | 2 MS           | COVERAGE        | 1500 X           |

SPREAD TRACE 1 - 80 X 61 - 120  
DISTANCE 1500 - 25 - X - 25 - 1500 M

### DISPLAY PARAMETERS

TRACES/INCH 80 INCHES/SEC 7.5

### PROCESSING PARAMETERS

- DEMULITEX  
SAMPLE RATE 2 MS  
RECORDED 2 MS  
PROCESSED 2 MS  
RECORD LENGTH 4 SECONDS  
0 SECONDS
- RELATIVE TRUE AMPLITUDE RECOVERY  
EXPONENTIAL DECAY AND DISTANCE DEPENDENT RESIDUAL ANALYSIS
- INSTRUMENT AND GEOPHONE DEPHASING
- DECONVOLUTION - SPIKING  
OPERATION 00 MS  
PREWHITENING 1.0 X  
FILTER DESIGN GATE 200 - 2000 MS X 25 M  
FILTER DESIGN GATE 800 - 2000 MS X 1500 M  
APPL. GATE 0 - 4000 MS  
APPL. GATE 0 - 4000 MS
- TRACE GATHER
- VELOCITY ANALYSIS
- NORMAL MOVEOUT
- STRUCTURE STATICS - DRIFT CORRECTION  
DATUM ELEVATION 400 M  
REPLACEMENT VELOCITY 3700 M/SEC
- STATICS - AUTOMATIC SURFACE CONSISTENT  
WINDOW 1 500 - 1500 X MS
- FIRST BREAK MUTES  
DISTANCE 1 220 225 1500 3000 X M  
TIME 1 0 400 700 1100 X MS
- TRIM STATICS  
WINDOW 1 500 - 1500 X MS
- STACK  
15 FOLD
- FILTER - DIGITAL BANDPASS  
PASS BAND 16/22 - 80/80  
16/15 - 50/50  
APPL. GATE 0 - 1500 MS  
APPL. GATE 1700 - 4000 MS
- AMPLITUDE EQUALIZATION -  
DATA INDEPENDENT SCALING

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