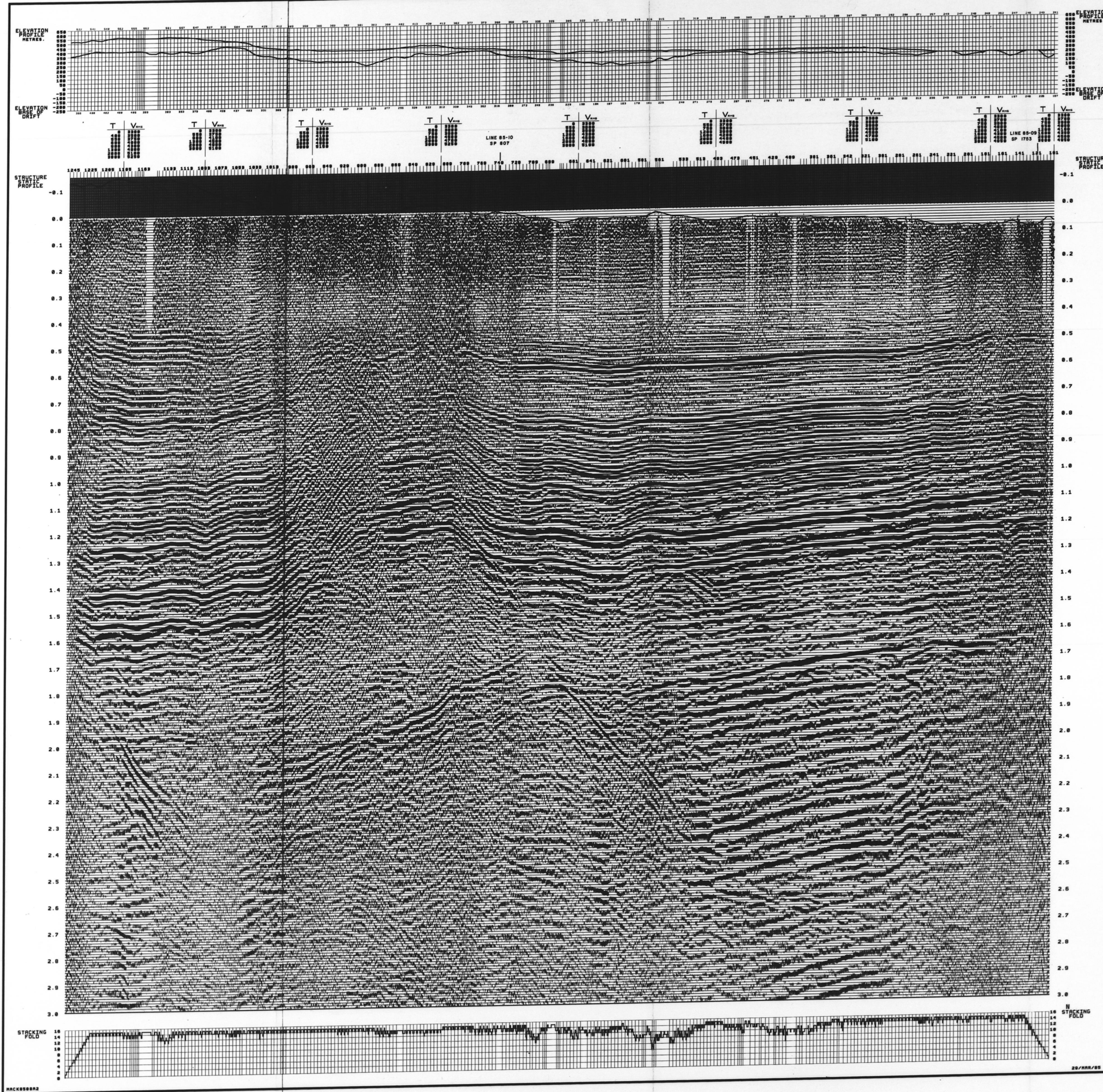




9200-540-1P

SIGMA EXPLORATIONS (1978) LTD.
 SUITE 720 CALGARY HOUSE, PHONE 244-7800
 800-8TH AVENUE S.W., CALGARY, ALBERTA T2P 0G2

**NORMAL POLARITY
 STRUCTURE SECTION**

LINE NO: 85 - 08A
 AREA: MACKENZIE PLAIN (85)
 DIRECTION: NORTHEAST
 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	DPV
CHARGE SIZE	2 X 1 KG.	GRN. CODE	1FP
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	MARK - 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
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PROCESSING PARAMETERS

- DEMULTEX

SAMPLE RATE	RECORD LENGTH
RECORDED 2 MS	4 SECOND
PROCESSED 2 MS	8 SECOND
- RELATIVE TRUE AMPLITUDE RECOVERY
 EXPONENTIAL DECAY AND DISTANCE DEPENDENT RESIDUAL ANALYSIS
- INSTRUMENT AND GEOPHONE DEPHASING
- DECONVOLUTION - SPIKING
 OPERATOR 88 MS PREWATERING 1.0 X
 FILTER DESIGN GATE 200 - 2000 MS x 25 M APPL. GATE 0 - 6000 MS
 FILTER DESIGN GATE 600 - 2000 MS x 1500 M APPL. GATE 0 - 6000 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 - 1000 MS
- FIRST BREAK MUTES
 DISTANCE 1 220 225 1500 3000 MS
 TIME 1 0 400 700 1100 MS
- TRIM STATICS
 WINDOW 1 500 - 1000 MS
- STACK
 15 FOLD
- FILTER - DIGITAL BANDPASS
 PASS BAND 10/10 - 50/50 APPL. GATE 0 - 1500 MS
 10/15 - 50/60 APPL. GATE 1700 - 6000 MS
- AMPLITUDE EQUALIZATION -
 DATA INDEPENDENT SCALING

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