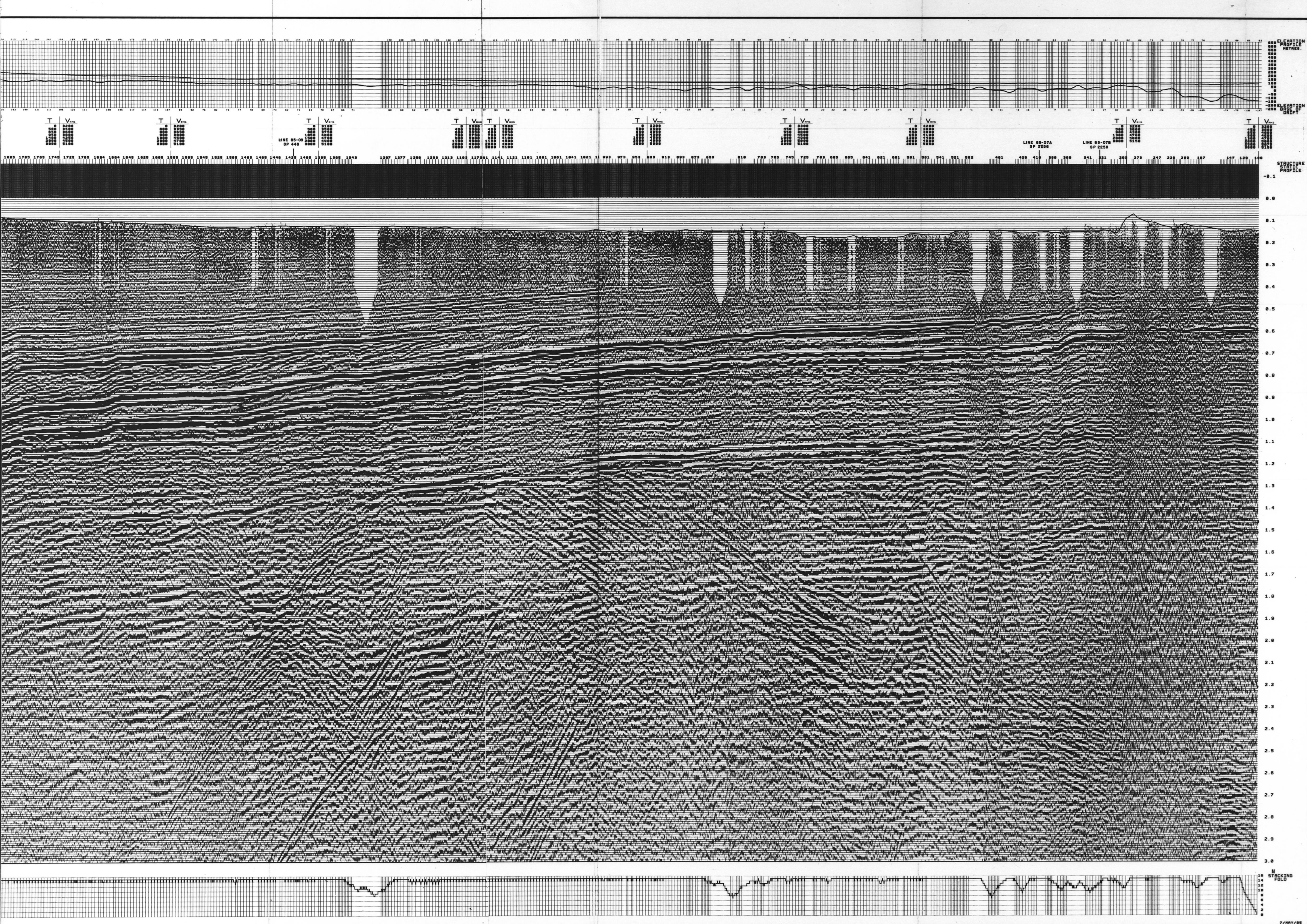




0200-S40-1P

SIGMA EXPLORATIONS (1978) LTD.
 SUITE 705 CALGARY HOUSE PHONE 243-7880
 100-10TH AVENUE S.W. CALGARY, ALBERTA T2P 0Z2

**NORMAL POLARITY
STRUCTURE SECTION**

LINE NO: 85 - 13
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	DYNAMIC	INSTRUMENTATION	DPV
CHARGE SIZE	2 X 1 VOL	GEAR RATIO	100
PATTERN	2 X 15 H APART	FIELD FILTER	12/128 NOTCH OUT
HOLE DEPTH	0 H	GROUP INTERVAL	25 H
SOURCE INTERVAL	100 H	GEOPHONE TYPE	MARK - 18 HERTZ
RECORD LENGTH	4 SECONDS	GEOPHONE LAYOUT	9 OVER 25 H
SAMPLE INTERVAL	2 MS	COVERAGE	1500 H

SPREAD TRACE 1 - 60 X 01 - 120
 DISTANCE 1500 - 25 - 3 - 25 - 1500 H

DISPLAY PARAMETERS

TRACES/INCH	60	INCHES/SEC	7.5
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PROCESSING PARAMETERS

- DEMULITPLEX

SAMPLE RATE	RECORD LENGTH
RECORDED 2 MS	4 SECONDS
PROCESSED 2 MS	4 SECONDS
- RELATIVE TRUE AMPLITUDE RECOVERY
EXPONENTIAL DECAY AND DISTANCE DEPENDENT RESIDUAL ANALYSIS
- INSTRUMENT AND GEOPHONE DEPHASING
- DECONVOLUTION - SPIKING
OPERATOR 00 MS PREWHITENING 1.0 Z
FILTER DESIGN GATE 200 - 2000 MS & 25 H APPL. GATE 0 - 4000 MS
FILTER DESIGN GATE 000 - 2000 MS & 1500 H 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 1 000 - 1500 H MS
- FIRST BREAK MUTES
DISTANCE 1 220 225 1500 3000 H
TIME 1 0 400 700 1100 H MS
- TRAIN STATICS
WINDOW 1 000 - 1500 H MS
- STACK
15 FOLD
- FILTER - DIGITAL BANDPASS
PASS BAND 16/22 - 60/90
16/25 - 50/50
APPL. GATE 0 - 1500 MS
APPL. GATE 1700 - 4000 MS
- AMPLITUDE EQUALIZATION -
DATA INDEPENDENT SCALING

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 PERMISSION OF SIGMA.

PROJ. NO.

9 2 9 - S 4 0 - 1 P

LINE NO.

8 5 - 1 3

PART NO.

2 OF 2

R.R. 10X

