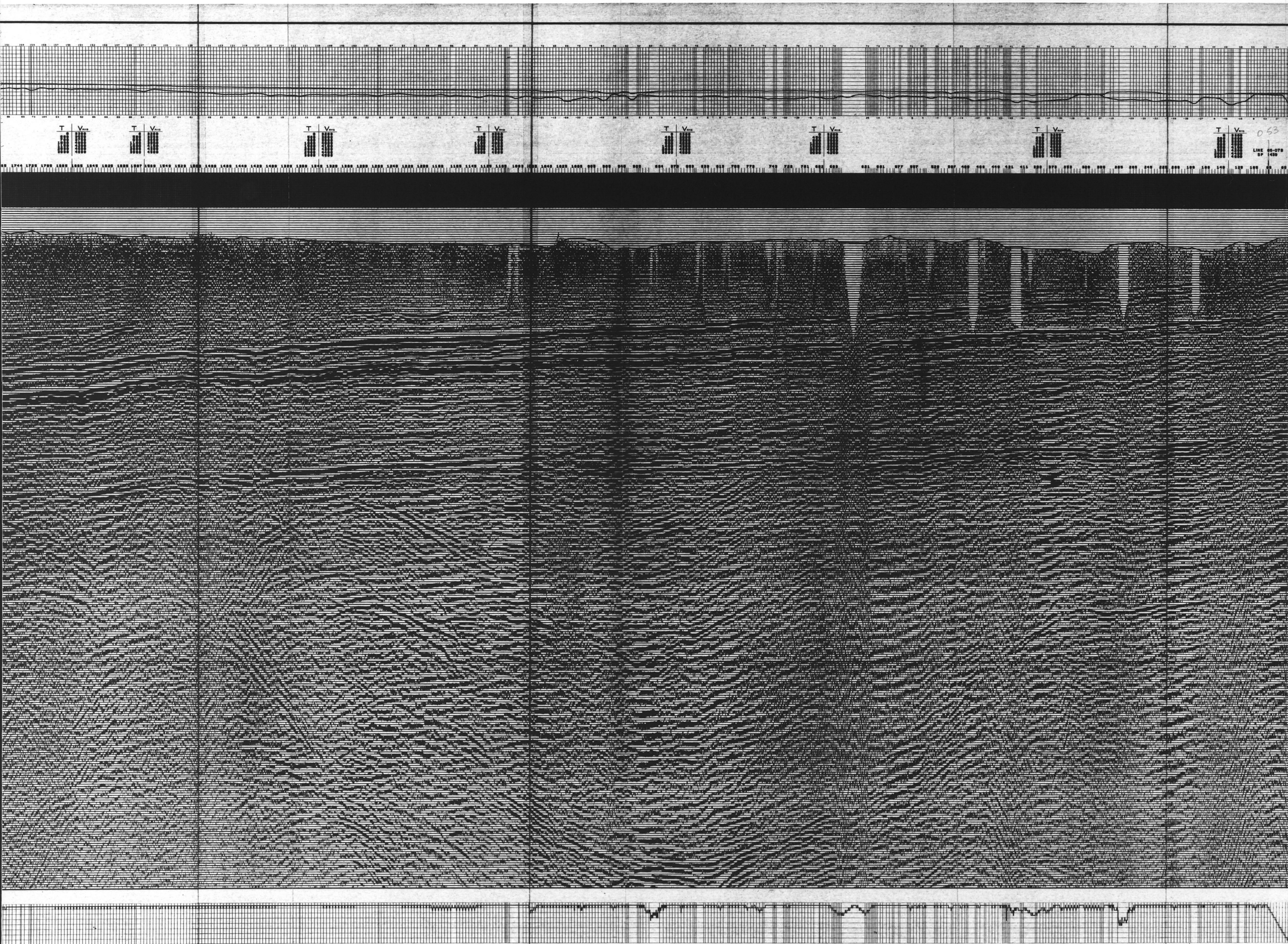




SIGMA EXPLORATIONS (1976) LTD.
SUITE 175 CALDWAY HOUSE, PHONE 254-7885
500 17TH AVENUE S.W., CALGARY, ALBERTA, T2P 0S2
0259-246428

**NORMAL POLARITY
STRUCTURE SECTION**

LINE NO: 85 - 15A
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 KG.	GAIN MODE	IFP
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
-------------	----	------------	-----

PROCESSING PARAMETERS

- DEMULTIPLY
SAMPLE RATE 2 MS
RECORDED 2 MS
PROCESSED 2 MS
RECORD LENGTH 4 SECONDS
5 SECONDS
- RELATIVE TRUE AMPLITUDE RECOVERY
EXPONENTIAL DECK AND DISTANCE DEPENDENT RESIDUAL ANALYSIS
- INSTRUMENT AND GEOPHONE DEPHASING
- DECONVOLUTION - SPIKING
OPERATOR 80 MS PREWITTING 1.0 X
FILTER DESIGN GATE 200 - 2000 MS X 25 M APPL. GATE 0 - 4000 MS
FILTER DESIGN GATE 600 - 2000 MS X 1500 M 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 1 MS
- FIRST BREAK MUTES
DISTANCE 1 220 225 1500 3000 1 M
TIME 1 0 400 700 1100 1 MS
- TRIM STATICS
WINDOW 1 500 - 1500 1 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

SIGMA EXPLORATIONS (1976) LTD. RETAINS ALL RIGHTS TO BAL-
AND TRADE OF THIS DATA RECIPIENT ACQUIRES A NON-EXCLUSIVE
RIGHT TO USE THIS DATA AND AGREES NOT TO TRADE, SELL, NOR
GIVE THE DATA TO ANY THIRD PARTY WITHOUT PRIOR WRITTEN
PERMISSION OF SIGMA.

