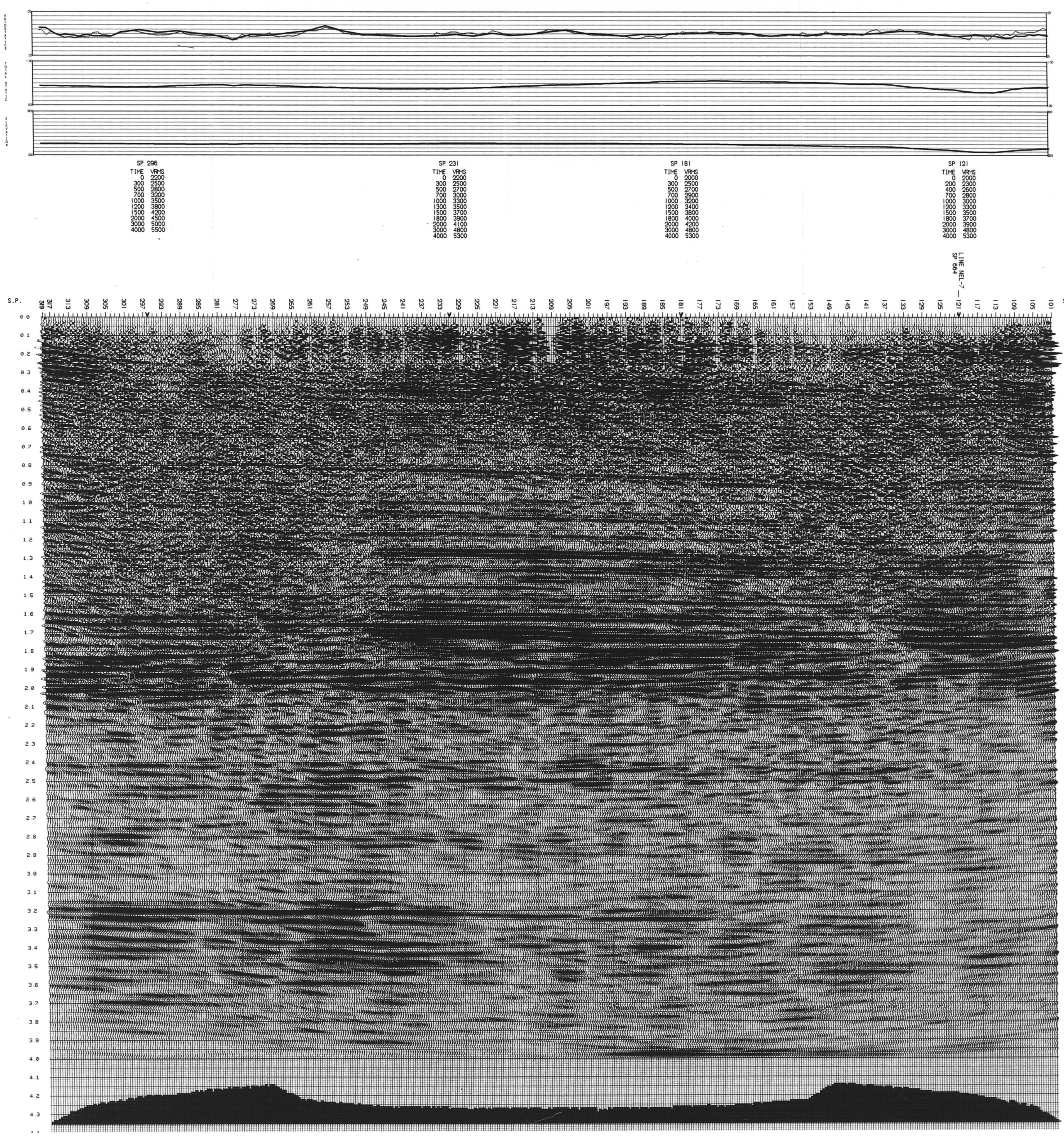




LINE NEL-8
S.P. 101-319
S.E. →

MIGRATED STRUCTURAL STACK

NORTHCOR ENERGY LTD

EAST LIARD

	SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING CALGARY, CANADA	DATE PROCESSED MAY 1984 G.C. RN
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FIELD RECORDING

DATE SHOT	FEBRUARY 1984
SHOT BY	SEFEL GEOPHYSICAL LTD.
SOURCE TYPE	DYNAMITE
SOURCE PATTERN	SINGLE HOLE
CHARGE SIZE	2 KG AT 13 M
GEOPHONE TYPE	GEOSPAC-10 HZ
GEOPHONE PATTERN	18 AT 3 M INTERVALS
INSTRUMENTS	MS-10 96 TRACES
FORMAT	SEG8
RECORDING FILTER	12/18 - 125/72 HZ
RECORD LENGTH	6 SEC
SAMPLE INTERVAL	2 MS
GROUP INTERVAL	40 M
SHOT POINT INTERVAL	160 M
SPREAD GEOMETRY	1920-40-X-40-1920 M

DIGITAL PROCESSING

1 DEMULTIPLEX WITH GAIN REMOVAL	2 MS
2 PROCESSING SAMPLE RATE	1200 PERCENT
3 INSTRUMENT PHASE COMPENSATION	
4 GEOPHONE PHASE COMPENSATION	
5 CDP TRACE GATHERS	
6 AUTOMATIC GAIN CURVE APPLICATION	
7 SPKING DECONVOLUTION	
8 OPERATOR DESIGN WINDOW	
9 MIN OFFSET	250-1750 MS
10 MAX OFFSET	1200-2700 MS
11 OPERATOR LENGTH	60 MS
12 PREWHITENING	1 PERCENT
13 WEATHERING STATICS	
14 DATUM ELEVATION	500 M ASL
15 DATUM VELOCITY	3700 M/SEC
16 HEATHERING VELOCITY	610 M/SEC
17 AUTOMATIC RESIDUAL STATICS	
18 MAX CORRELATION LAG	+30 MS
19 VELOCITY ANALYSIS	400-1600 MS
20 HINDON	
21 AUTOMATIC RESIDUAL STATICS	
22 MAX CORRELATION LAG	+24
23 HINDON	600-2000 MS
24 COMMON OFFSET STACK	
25 RESIDUAL NMO	
26 MUTE	
27 STACK	1200 PERCENT
28 WAVE EQUATION MIGRATION	10/20 - 60/70 HZ
29 BANDPASS FILTER	
30 EQUALIZATION	
31 HINDON	400-2500 MS
32 FILM DISPLAY	16 TRACES/IN
	5 INCHES/SEC

NORMAL POLARITY (POSITIVE VALUE PEAK)

PROCESSING PARAMETERS SELECTED BY
EMPRESS EXPLORATION CONSULTANTS