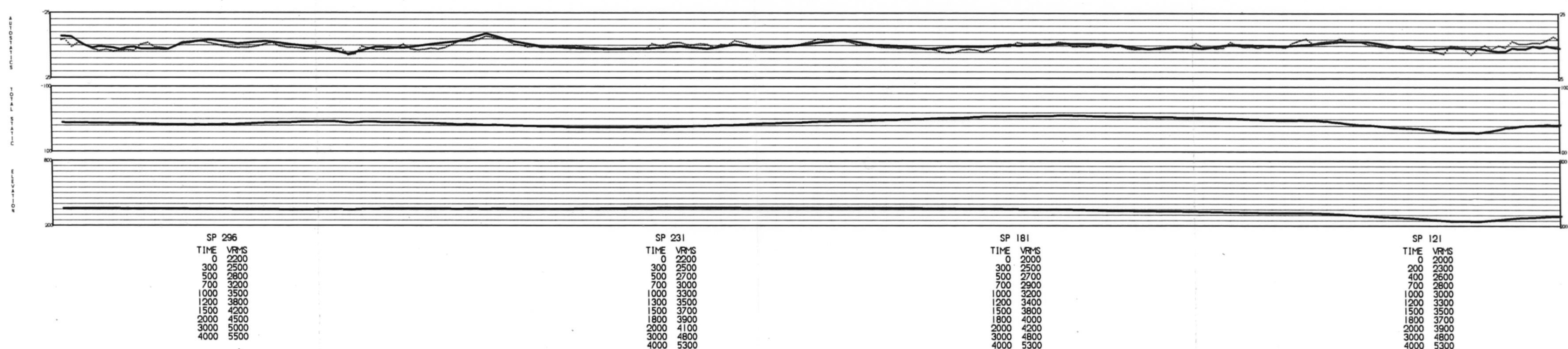




LINE NEL-8
S.P. 101-319
S.E.

MIGRATED STRUCTURAL STACK

NORTHCOR ENERGY LTD
EAST LIARD

	SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING CALGARY CANADA	DATE PROCESSED MAY 1984 Q.C. RN
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 MDS-10 36 TRACES		
FORMA SEGS		
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		
PROCESSING SAMPLE RATE 2 MS		
2 INSTRUMENT PHASE COMPENSATION		
3 GEOPHONE PHASE COMPENSATION		
4 CDP TRACE GATHERS 1200 PERCENT		
5 AUTOMATIC GAIN CURVE APPLICATION		
6 SPIKING DECONVOLUTION		
OPERATOR DESIGN WINDOW		
MIN OFFSET 250-1750 MS		
MAX OFFSET 1200-2700 MS		
OPERATOR LENGTH 60 MS		
PREWHITENING 1 PERCENT		
7 HEATHERING STATICS		
DATUM ELEVATION 500 M ASL		
DATUM VELOCITY 3700 M/SEC		
HEATHERING VELOCITY 610 M/SEC		
8 AUTOMATIC RESIDUAL STATICS		
MAX CORRELATION LAG +-30 MS		
WINDOW 400-1600 MS		
9 VELOCITY ANALYSIS		
10 NMO		
11 AUTOMATIC RESIDUAL STATICS		
MAX CORRELATION LAG +-24		
WINDOW 600-2000 MS		
12 COMMON OFFSET STACK		
RESIDUAL NMO		
14 WHITE		
15 STACK 1200 PERCENT		
16 WAVE EQUATION MIGRATION		
BANDPASS FILTER 10/20 - 60/70 HZ		
18 EQUALIZATION		
WINDOW 400-2500 MS		
19 FILM DISPLAY 16 TRACES/IN		
5 INCHES/SEC		
NORMAL POLARITY (POSITIVE VALUE PEAK)		
PROCESSING PARAMETERS SELECTED BY EXPRESS EXPLORATION CONSULTANTS		

