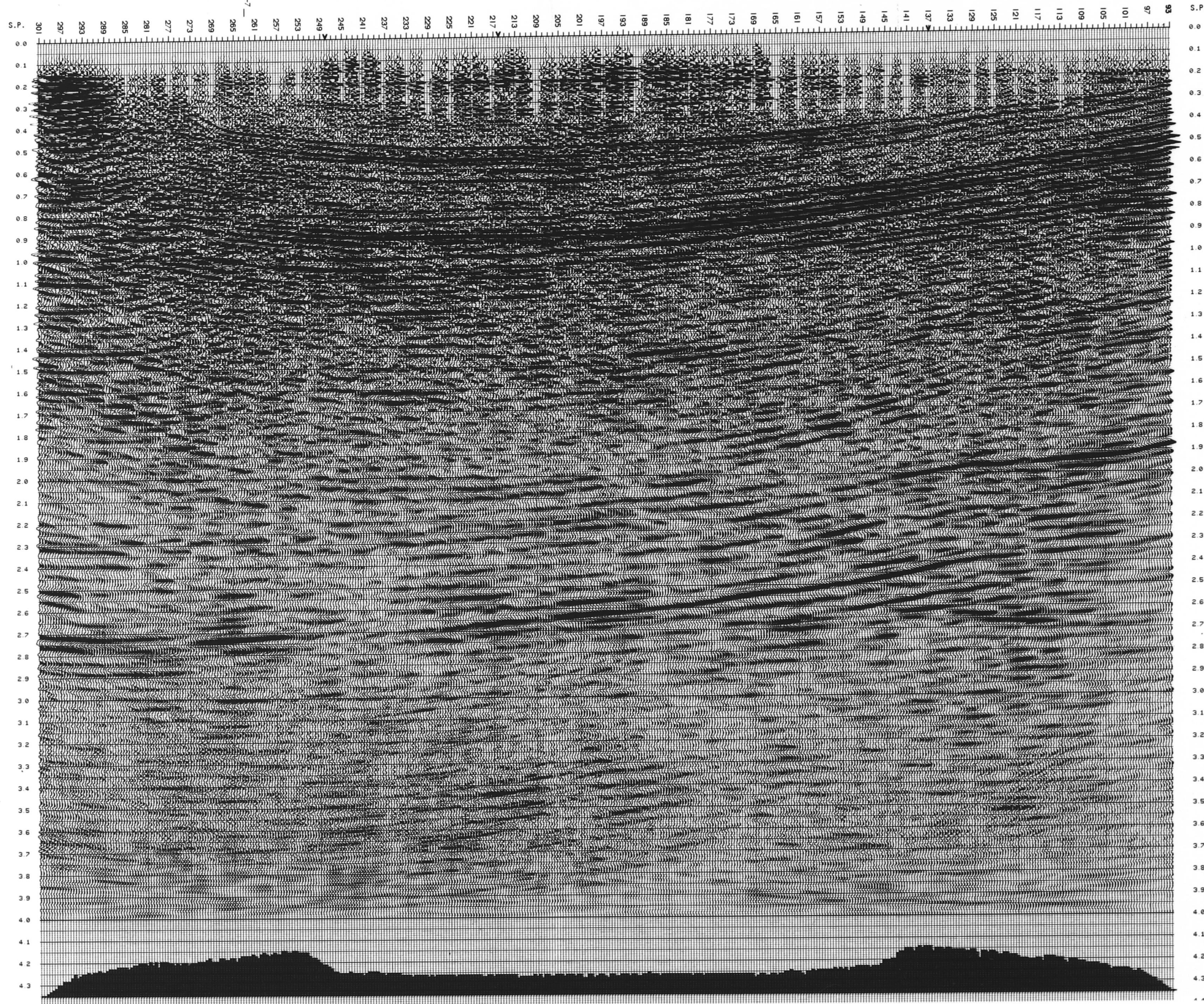


SP 248
TIME VMS
0 1800
200 2200
300 2500
400 2700
500 3100
750 3200
850 3500
1040 3750
1450 4000
2725 4350
3000 4450
4000 4900

SP 216
TIME VMS
0 1800
200 2200
300 2500
400 2700
500 3100
750 3200
850 3500
1040 3750
1450 4000
2725 4350
3000 4450
4000 5100

SP 137
TIME VMS
0 1800
200 2200
300 2500
400 2700
500 3100
750 3200
850 3500
1040 3750
1450 4000
2725 4350
3000 4450
4000 5000

LINE NEL-4
SP 131



LINE NEL-4
S.P. 301-93
N.E.

MIGRATED STRUCTURAL STACK

NORTHCOR ENERGY LTD

EAST LIARD

	SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING CALGARY CANADA	DATE PROCESSED MAY 1984 G.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 NOS-10 96 TRACES		
FORMAT SEGB		
RECORDING FILTER 12/18 - 125/72 HZ		
RECORD LENGTH 6 SEC		
SAMPLE INTERVAL 2 MS		
GROUP INTERVAL 40 M		
SHOT POINT INTERVAL 180 M		
SPREAD GEOMETRY 1920-40-X-40-1920 M		
DIGITAL PROCESSING		
1 DEMULTIPLEX WITH GAIN REMOVAL 2 MS		
2 INSTRUMENT PHASE COMPENSATION		
3 GEOPHONE PHASE COMPENSATION 1200 PERCENT		
4 CDP TRACE GATHERS		
5 AUTOMATIC GAIN CURVE APPLICATION		
6 SPARKING DECONVOLUTION		
OPERATOR DESIGN WINDOW		
MIN OFFSET 250-1750 MS		
MAX OFFSET 1100-2600 MS		
OPERATOR LENGTH 60 MS		
PREWHITENING 1 PERCENT		
7 WEATHERING STATICS		
DATUM ELEVATION 500 M ASL		
DATUM VELOCITY 3700 M/SEC		
WEATHERING VELOCITY 610 M/SEC		
8 VELOCITY ANALYSIS		
9 NMO		
10 AUTOMATIC RESIDUAL STATICS		
MAX CORRELATION LAG 250-1100 MS		
11 COMMON OFFSET STACK		
12 RESIDUAL NMO		
13 MUTE		
14 STACK		
15 WAVE EQUATION MIGRATION 1200 PERCENT		
16 BANDPASS FILTER 10/20 - 60/70 HZ		
17 EQUALIZATION 400-2500 MS		
18 FILM DISPLAY 16 TRACES/IN		
5 INCHES/SEC		
NORMAL POLARITY (POSITIVE VALUE PEAK)		
PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS		