

LINE NIR-26
S.P. 101-1417
N.E.

MIGRATED STRUCTURAL STACK

NORTHCOR ENERGY LTD
ISLAND RIVER

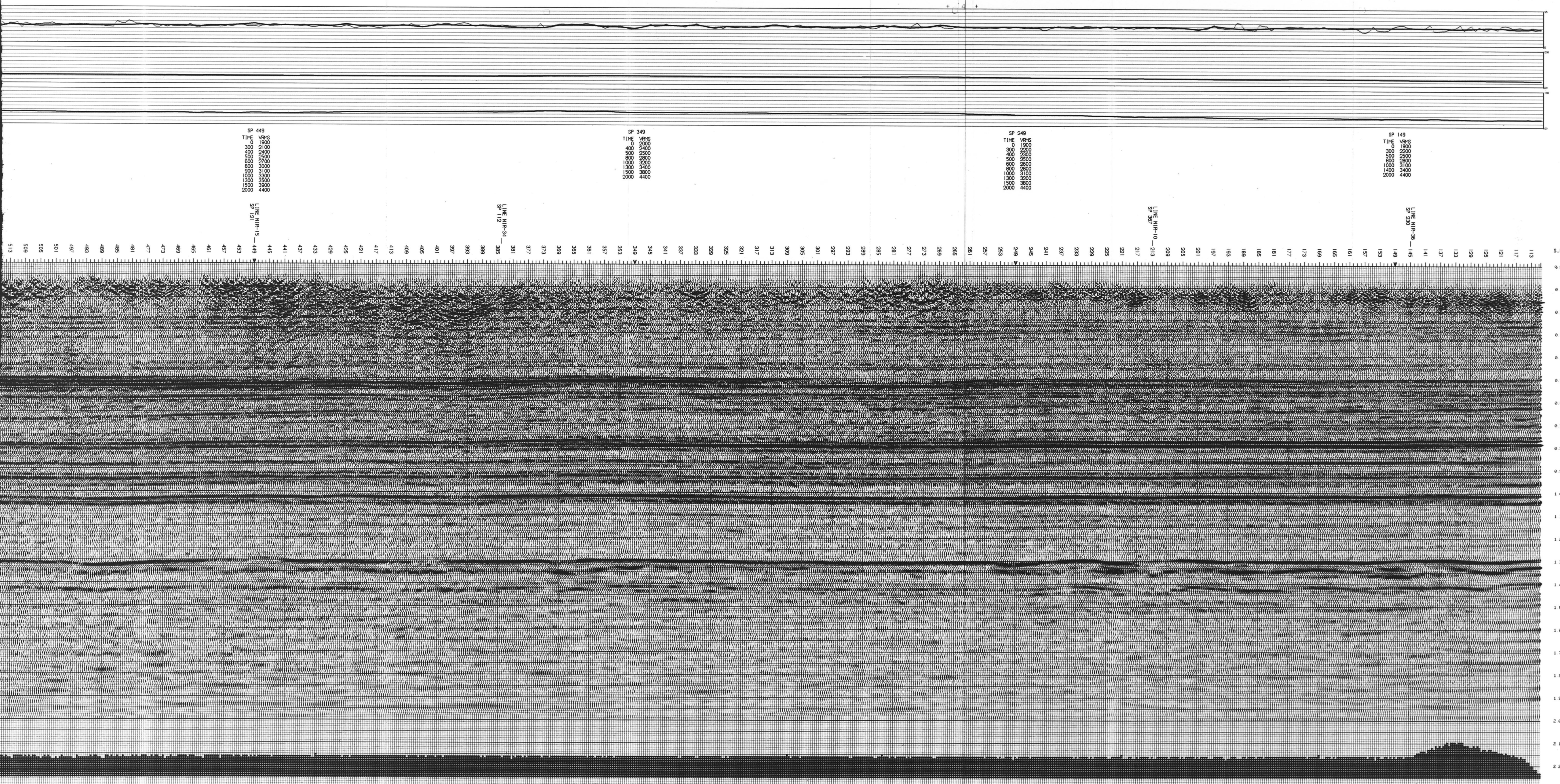
	SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING CALGARY CANADA	DATE PROCESSED JAN.-FEB., 1984 G. C. TCS
---	--	--

FIELD RECORDING	
DATE SHOT	JAN.-FEB., 1984
SHOT BY	SEFEL GEOPHYSICAL LTD.
SOURCE TYPE	DYNAMITE
SOURCE PATTERN	SINGLE HOLE
CHARGE SIZE	2 KG AT 12 M
GEOPHONE TYPE	MARK-10 HZ
GEOPHONE PATTERN	9 AT 3 M INTERVALS
INSTRUMENTS	405-10 96 TRACES
FORMAT	SEGB
RECORDING FILTER	12/18 - 125/72 HZ
RECORD LENGTH	3 SEC
SAMPLE INTERVAL	2 MS
GROUP INTERVAL	25 M
SHOT POINT INTERVAL	100 M
SPREAD GEOMETRY	1200-25-X-25-1200

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	300-1300 MS
MAX OFFSET	800-1800 MS
OPERATOR LENGTH	60 MS
PREWHITENING	1 PERCENT
7 WEATHERING STATICS	
DATUM ELEVATION	700 M ASL
DATUM VELOCITY	2750 M/SEC
WEATHERING VELOCITY	610 M/SEC
8 VELOCITY ANALYSIS	
9 NMO	
10 AUTOMATIC RESIDUAL STATICS	
MAX CORRELATION LAG	+30 MS
WINDOW	400-1100 MS
11 COMMON OFFSET STACK	
12 RESIDUAL NMO	
13 MUTE	
14 STACK	1200 PERCENT
15 HAVE EQUATION MIGRATION	8/16 - 100/120 HZ
16 BANDPASS FILTER	
17 EQUALIZATION	400-1400 MS
18 FILM DISPLAY	16 TRACES/IN 7.5 INCHES/SEC

NORMAL POLARITY (POSITIVE VALUE PEAK)

PROCESSING PARAMETERS SELECTING BY
EMPRESS EXPLORATION CONSULTANTS





SP 549
TIME VRS
0 2000
100 1900
200 2200
300 2500
400 2800
500 3100
600 3400
700 3700
800 4000
900 4300
1000 4600

SP 649
TIME VRS
0 2000
100 1900
200 2200
300 2500
400 2800
500 3100
600 3400
700 3700
800 4000
900 4300
1000 4600

SP 785
TIME VRS
0 1800
100 1900
200 2100
300 2300
400 2500
500 2700
600 2900
700 3100
800 3300
900 3500
1000 3700
1100 3900
1200 4100
1300 4300
1400 4500
1500 4700
1600 4900
1700 5100
1800 5300
1900 5500
2000 5700

LINE N/R-27

SP 815

SP 885
TIME VRS
0 2100
100 2200
200 2300
300 2400
400 2500
500 2600
600 2700
700 2800
800 2900
900 3000
1000 3100
1100 3200
1200 3300
1300 3400
1400 3500
1500 3600
1600 3700
1700 3800
1800 3900
1900 4000
2000 4100

SP 985
TIME VRS
0 2100
100 2200
200 2300
300 2400
400 2500
500 2600
600 2700
700 2800
800 2900
900 3000
1000 3100
1100 3200
1200 3300
1300 3400
1400 3500
1500 3600
1600 3700
1700 3800
1800 3900
1900 4000
2000 4100

