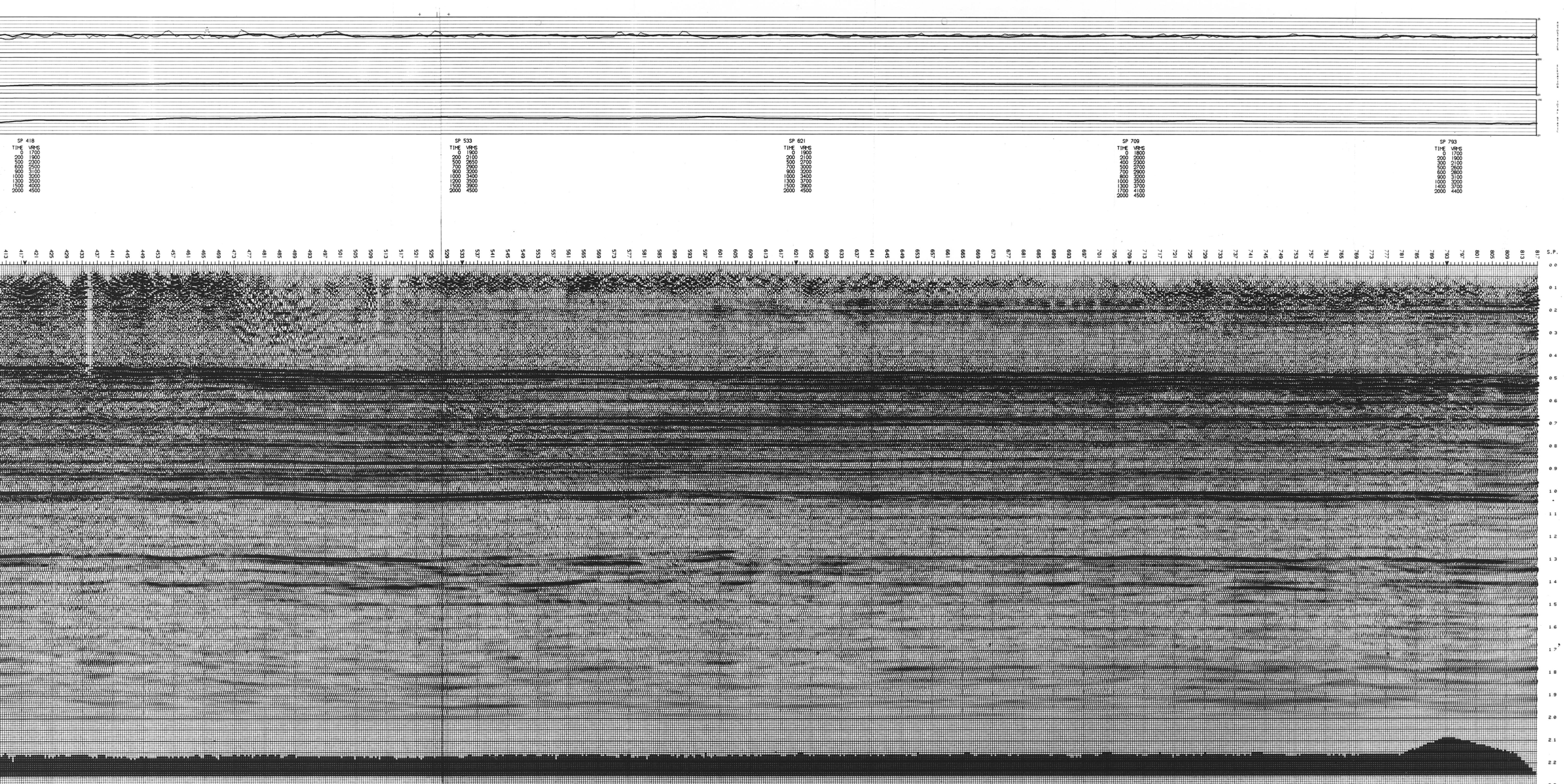


LINE NIR-23
S.P. 101-817
S.E.

MIGRATED STRUCTURAL STACK

NORTHCOR ENERGY LTD
ISLAND RIVER

	SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING CALGARY CANADA	DATE PROCESSED JAN.-FEB., 1984 O.C. TCS
	FIELD RECORDING DATE SHOT JAN.-FEB. 1984 SHOT BY SEFEL GEOPHYSICAL LTD. SOURCE TYPE PARTY NO. 501 SOURCE PATTERN DYNAMITE CHARGE SIZE 2 KG AT 12 M GEOPHONE TYPE MARK-10 HZ GEOPHONE PATTERN 9 AT 3 M INTERVALS INSTRUMENTS MDS-10 96 TRACES FORMAT SEG8 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 DEMULTIPLY 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 50 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 MDS 10 AUTOMATIC RESIDUAL STATICS MIN CORRELATION LAG 4-30 MS MAX CORRELATION LAG 400-1100 MS 11 COMMON OFFSET STACK 12 RESIDUAL WINDOW 13 MUTE 14 STACK 15 WAVE EQUATION MIGRATION 1200 PERCENT 16 BANDPASS FILTER 8/16 - 100/120 HZ 17 EQUALIZATION MINIMUM 400-1400 MS 18 FILM DISPLAY 16 TRACES/IN 7.5 INCHES/SEC NORMAL POLARITY (POSITIVE VALUE PEAK) PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS		



SP 533
TIME VRS
0 1900
100 2100
200 2300
300 2500
400 2700
500 2900
600 3100
700 3300
800 3500
900 3700
1000 3900
1100 4100
1200 4300
1300 4500
1400 4700
1500 4900
1600 5100
1700 5300
1800 5500
1900 5700
2000 5900

SP 418
TIME VRS
0 1900
100 2100
200 2300
300 2500
400 2700
500 2900
600 3100
700 3300
800 3500
900 3700
1000 3900
1100 4100
1200 4300
1300 4500
1400 4700
1500 4900
1600 5100
1700 5300
1800 5500
1900 5700
2000 5900

SP 341
TIME VRS
0 1900
100 2100
200 2300
300 2500
400 2700
500 2900
600 3100
700 3300
800 3500
900 3700
1000 3900
1100 4100
1200 4300
1300 4500
1400 4700
1500 4900
1600 5100
1700 5300
1800 5500
1900 5700
2000 5900

SP 241
TIME VRS
0 1900
100 2100
200 2300
300 2500
400 2700
500 2900
600 3100
700 3300
800 3500
900 3700
1000 3900
1100 4100
1200 4300
1300 4500
1400 4700
1500 4900
1600 5100
1700 5300
1800 5500
1900 5700
2000 5900

SP 129
TIME VRS
0 1900
100 2100
200 2300
300 2500
400 2700
500 2900
600 3100
700 3300
800 3500
900 3700
1000 3900
1100 4100
1200 4300
1300 4500
1400 4700
1500 4900
1600 5100
1700 5300
1800 5500
1900 5700
2000 5900

LINE N1R-26
SP 129

