

LINE NIR-12
S.P. 101-517
S.E.

MIGRATED STRUCTURAL STACK

NORTHCOR ENERGY LTD
ISLAND RIVER

	SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING CALGARY, CANADA	DATE PROCESSED JAN. FEB. 1984 Q.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 MDS-10 86 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 DEMULTIPLEX WITH GAIN REMOVAL PROCESSING SAMPLE RATE 2 MS 2 INSTRUMENT PHASE COMPENSATION 3 GEOPHONE PHASE COMPENSATION 1200 PERCENT 4 CDP TRACE GATHERS 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 WAVE EQUATION MIGRATION 16 BANDPASS FILTER 8/16 - 100/120 HZ 17 EQUALIZATION WINDOW 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 221
TIME VRS
0 1700
300 2200
600 2700
900 3200
1200 3700
1500 4200
2000 4400

SP 309
TIME VRS
0 1800
300 2300
600 2800
900 3300
1200 3800
1500 4300
2000 4400

SP 397
TIME VRS
0 1800
300 2100
600 2400
900 2700
1200 3000
1500 3300
2000 3600
2400 4400

SP 489
TIME VRS
0 1700
300 2200
600 2700
900 3200
1200 3700
1500 4200
2000 4400

