

LINE NIR-10
S.P. 101-801
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 DYNAMIC SOURCE PATTERN SINGLE HOLE CHARGE SIZE 2 KG AT 1/2 M GEOPHONE TYPE MARK-10 HZ GEOPHONE PATTERN 9 AT 3 M INTERVALS INSTRUMENTS NOS-10 98 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 2 PROCESSING SAMPLE RATE 2 MS 3 INSTRUMENT PHASE COMPENSATION 4 GEOPHONE PHASE COMPENSATION 1200 PERCENT 5 CDP TRACE GATHERS 6 AUTOMATIC GAIN CURVE APPLICATION 7 OPERATOR DESIGN WINDOW MIN OFFSET 300-1300 MS MAX OFFSET 800-1800 MS OPERATOR LENGTH 60 MS PREWHITENING 1 PERCENT 8 WEATHERING STATICS DATUM ELEVATION 700 M ASL DATUM VELOCITY 2750 M/SEC WEATHERING VELOCITY 610 M/SEC 9 VELOCITY ANALYSIS 10 AUTOMATIC RESIDUAL STATICS MAX CORRELATION LAG +-30 MS HINDON 400-1100 MS 11 COMMON OFFSET STACK 12 RESIDUAL NMO 13 MUTE 14 STACK 1200 PERCENT 15 WAVE EQUATION MIGRATION 8/16 - 100/120 HZ 16 BANDPASS FILTER 17 EQUALIZATION 400-1400 MS HINDON 16 TRACES/IN 18 FILM DISPLAY 7.5 INCHES/SEC NORMAL POLARITY (POSITIVE VALUE PEAK) PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS		

