

LINE NIR-7
S.P. 101-465
S.E. 9221 10-9 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 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 NOS-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 DEMULTIPLEX WITH GAIN REMOVAL PROCESSING SAMPLE RATE 2 MS 2 INSTRUMENT PHASE COMPENSATION 3 GEOPHONE PHASE COMPENSATION 4 CDP TRACE GATHERS 5 AUTOMATIC GAIN CURVE APPLICATION 1200 PERCENT 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 4-30 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 18 TRACES/IN 7.5 INCHES/SEC NORMAL POLARITY (POSITIVE VALUE PEAK) PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS		

