

LINE NIR-19
S.P. 101-633
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 DYNAMITE SOURCE PATTERN SINGLE HOLE CHARGE SIZE 2 KG AT 12 M GEOPHONE TYPE MARK-10 MZ GEOPHONE PATTERN 9 AT 3 M INTERVALS INSTRUMENTS VOS-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 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 HINDON MIN OFFSET 300-1300 MS MAX OFFSET 800-1800 MS OPERATOR LENGTH 60 MS PREHITTING 1 PERCENT 7 HEATHERING STATICS 700 M ASL DATUM ELEVATION 2750 M/SEC HEATHERING VELOCITY 610 M/SEC 8 VELOCITY ANALYSIS 9 NMO 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 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		



