

LINE NIR-34
S.P. 101-780
EAST

MIGRATED STRUCTURAL STACK

NORTHCOR ENERGY LTD
ISLAND RIVER

	SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING CALGARY, CANADA	DATE PROCESSED JAN - FEB. 1984 G.C. TCS
	FIELD RECORDING DATE SHOT: JAN - FEB. 1984 SHOT BY: SEFEL GEOPHYSICAL LTD. SOURCE TYPE: DYNAMITE SOURCE PATTERN: SINGLE HOLE CHARGE SIZE: 9 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 DEMULTIPLEX WITH GAIN REMOVAL 2 PROCESSING SAMPLE RATE: 2 MS 3 INSTRUMENT PHASE COMPENSATION 4 GEOPHONE PHASE COMPENSATION: 1200 PERCENT 5 COP TRACE GATHERS 6 AUTOMATIC GAIN CURVE APPLICATION 7 SPIRING DECONVOLUTION 8 OPERATOR DESIGN WINDOW 9 MIN OFFSET: 300-1300 MS 10 MAX OFFSET: 800-1800 MS 11 OPERATOR LENGTH: 60 MS 12 PREWHITENING: 1 PERCENT 13 WEATHERING STATICS 14 DATUM ELEVATION: 700 M ASL 15 DATUM VELOCITY: 2750 M/SEC 16 WEATHERING VELOCITY: 610 M/SEC 17 VELOCITY ANALYSIS 18 AUTOMATIC RESIDUAL STATICS 19 MAX CORRELATION LAG: +-30 MS 20 MIN CORRELATION LAG: 400-1100 MS 21 COMMON OFFSET STACK 22 RESIDUAL NMO 23 MUTE 24 STACK 25 WAVE EQUATION MIGRATION: 1200 PERCENT 26 BANDPASS FILTER: 8/16 - 100/120 HZ 27 EQUALIZATION 28 HIGHLIGHT: 400-1400 MS 29 FILM DISPLAY: 16 TRACES/IN 30 7.5 INCHES/SEC NORMAL POLARITY (POSITIVE VALUE PEAK) PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS		



