

LINE NTL-28
S.P. 101-629
EAST

MIGRATED STRUCTURAL STACK

NORTHCOR ENERGY LTD
TRAINOR LAKE

	SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING CALGARY CANADA	DATE PROCESSED FEB-APRIL, 1984 Q.C. TCS
	FIELD RECORDING DATE SHOT JAN-MARCH, 1984 SHOT BY SEFEL GEOPHYSICAL LTD. PARTY NO. 501 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 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 HS PROCESSING SAMPLE RATE 2 INSTRUMENT PHASE COMPENSATION 3 GEOPHONE PHASE COMPENSATION 4 CDP TRACE GATHERS 1200 PERCENT 5 AUTOMATIC GAIN CURVE APPLICATION 6 SPIKING DECONVOLUTION OPERATOR DESIGN HINDON MIN OFFSET 300-1200 HS MAX OFFSET 800-1800 HS OPERATOR LENGTH 60 HS PREWHITENING 1 PERCENT 7 WEATHERING STATICS 700 M ASL DATUM ELEVATION 2750 M/SEC WEATHERING VELOCITY 610 M/SEC 8 VELOCITY ANALYSIS 9 NWD 10 AUTOMATIC RESIDUAL STATICS MAX CORRELATION LAG +-30 MS HINDON 400-1100 HS 11 COMMON OFFSET STACK 12 RESIDUAL NWD 13 MUTE 14 STACK 15 WAVE EQUATION MIGRATION 1200 PERCENT 16 BANDPASS FILTER 8/16 - 100/120 HZ 17 EQUALIZATION HINDON 400-1400 HS 18 FILM DISPLAY 16 TRACES/IN 7.5 INCHES/SEC NORMAL POLARITY (POSITIVE VALUE PEAK) PROCESSING PARAMETERS SELECTED BY EXPRESS EXPLORATION CONSULTANTS		



