

W 229 - N 10 - 4 E

LINE KOT-4
S.P. 101-276
EAST

STRUCTURAL STACK
NORTHCOR ENERGY LTD.
KOTANEELEE

	SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING CALGARY CANADA	DATE PROCESSED AUGUST, 1984 G.C. TCS
	FIELD RECORDING DATE SHOT FEBRUARY, 1984 SHOT BY SEFEL GEOPHYSICAL LTD PARTY NO. 508 SOURCE TYPE DYNAMITE SOURCE PATTERN SINGLE HOLE CHARGE SIZE 10 KG AT 17 M. GEOPHONE TYPE GEOSPAC 10 HZ GEOPHONE PATTERN 8 OVER 40 M. INSTRUMENTS MDS-10 FORMAL SEG8 DATA CHANNELS 96 RECORDING FILTER 12/18-125/72 HZ RECORD LENGTH 6 SEC. SAMPLE INTERVAL 2 MS. GROUP INTERVAL 40 M. SHOT POINT INTERVAL 40 M. SPREAD GEOMETRY 1920-40-X-40-1920	
DIGITAL PROCESSING 1 DEMULTIPLEX WITH GAIN REMOVAL PROCESSING SAMPLE RATE 2 MS 2 CDP TRACE GATHERS 4800 PERCENT 3 INSTRUMENT PHASE COMPENSATION 4 GEOPHONE PHASE COMPENSATION 5 AUTOMATIC GAIN CURVE APPLICATION 6 SPIKING DECONVOLUTION OPERATOR DESIGN WINDOW MIN OFFSET 350-1350 MS. MAX OFFSET 700-1700 MS. OPERATOR LENGTH 60 MS. PREWHITENING 1 PERCENT 7 HEATHERING STATICS DATUM ELEVATION VARIABLE DATUM DATUM VELOCITY 3700 M/SEC. HEATHERING VELOCITY 610 M/SEC. 8 VELOCITY ANALYSIS 9 NMO 10 AUTOMATIC RESIDUAL STATICS MAX CORRELATION LAG 500-2500 MS. HINDON 11 COMMON OFFSET STACK 12 RESIDUAL NMO 13 MUTE 4800 PERCENT 14 STACK 15 TIME VARIANT FILTER 14/22-65/75 HZ 0-1000 MS 11/19-40/56 HZ 1000-4000 MS 16 EQUALIZATION 500-2500 MS. HINDON 17 VARIABLE TO FIXED DATUM CORRECTION 1600 M/ASL FIXED DATUM 16 TR/IN 18 FILM DISPLAY 5 IN/SEC POLARITY (X) NORMAL () REVERSE PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS		

