

LINE KOT-4
S.P. 443-836
EAST

STRUCTURAL STACK
NORTHCOR ENERGY LTD.
KOTANEELEE

	SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING CALGARY, CANADA	DATE PROCESSED AUGUST, 1984 O.C. TCS
	FIELD RECORDING DATE SHOT: SEPTEMBER 1983 SHOT BY: SEFEL GEOPHYSICAL LTD PARTY NO.: 521 SOURCE TYPE: DYNAMITE SOURCE PATTERN: SINGLE HOLE CHARGE SIZE: 2 KG AT 50 M GEOPHONE TYPE: MARK-L15 10 HZ GEOPHONE PATTERN: 18 AT 3 M INT. INSTRUMENTS: 336 HE SERCEL FORMAL: SEGB DATA CHANNELS: 8/12-125/24 HZ RECORD LENGTH: 6 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 PROCESSING SAMPLE RATE 1200 PERCENT 2 CDP TRACE GATHERS 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 80 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 +-40 MS WINDOW 500-2500 MS. 11 COMMON OFFSET STACK 12 RESIDUAL NMO 13 MUTE 14 STACK 15 TIME VARIANT FILTER 1200 PERCENT 0-1000 MS 14/22-65/75 HZ 1000-4000 MS 11/18-40/56 HZ 16 EQUALIZATION 500-2500 MS. WINDOW 17 VARIABLE TO FIXED DATUM CORRECTION FIXED DATUM 1600 M/ASL 18 FILM DISPLAY 16 TR/IN 5 IN/SEC POLARITY (X) NORMAL () REVERSE		
PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS		

