

LINE KOT-6
S.P. 297-609
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 338 HR SERCEL		
FORMAT SEGB		
DATA CHANNELS 96		
RECORDING FILTER 8/12-125/24 HZ		
RECORD LENGTH 8 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 CDP TRACE GATHERS 1200 PERCENT		
3 INSTRUMENT PHASE COMPENSATION		
4 GEOPHONE PHASE COMPENSATION		
5 AUTOMATIC GAIN CURVE APPLICATION		
6 SPIKING DECONVOLUTION		
7 OPERATOR DESIGN WINDOW		
MIN OFFSET 350-1350 MS.		
MAX OFFSET 700-1700 MS.		
OPERATOR LENGTH 80 MS		
PREHITTING 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 4-40 MS.		
WINDOW 500-2500 MS.		
11 COMMON OFFSET STACK		
12 RESIDUAL NMO		
13 MUTE		
14 STACK		
15 TIME VARIANT FILTER		
0-1000 MS 14/22-65/75 HZ		
1000-4000 MS 11/19-40/56 HZ		
16 EQUALIZATION		
WINDOW 500-2500 MS.		
17 VARIABLE TO FIXED DATUM CORRECTION		
FIXED DATUM 1800 M/ASL		
18 FILM DISPLAY 16 TR/IN		
5 IN/SEC		
POLARITY (X) NORMAL () REVERSE		
PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS		

