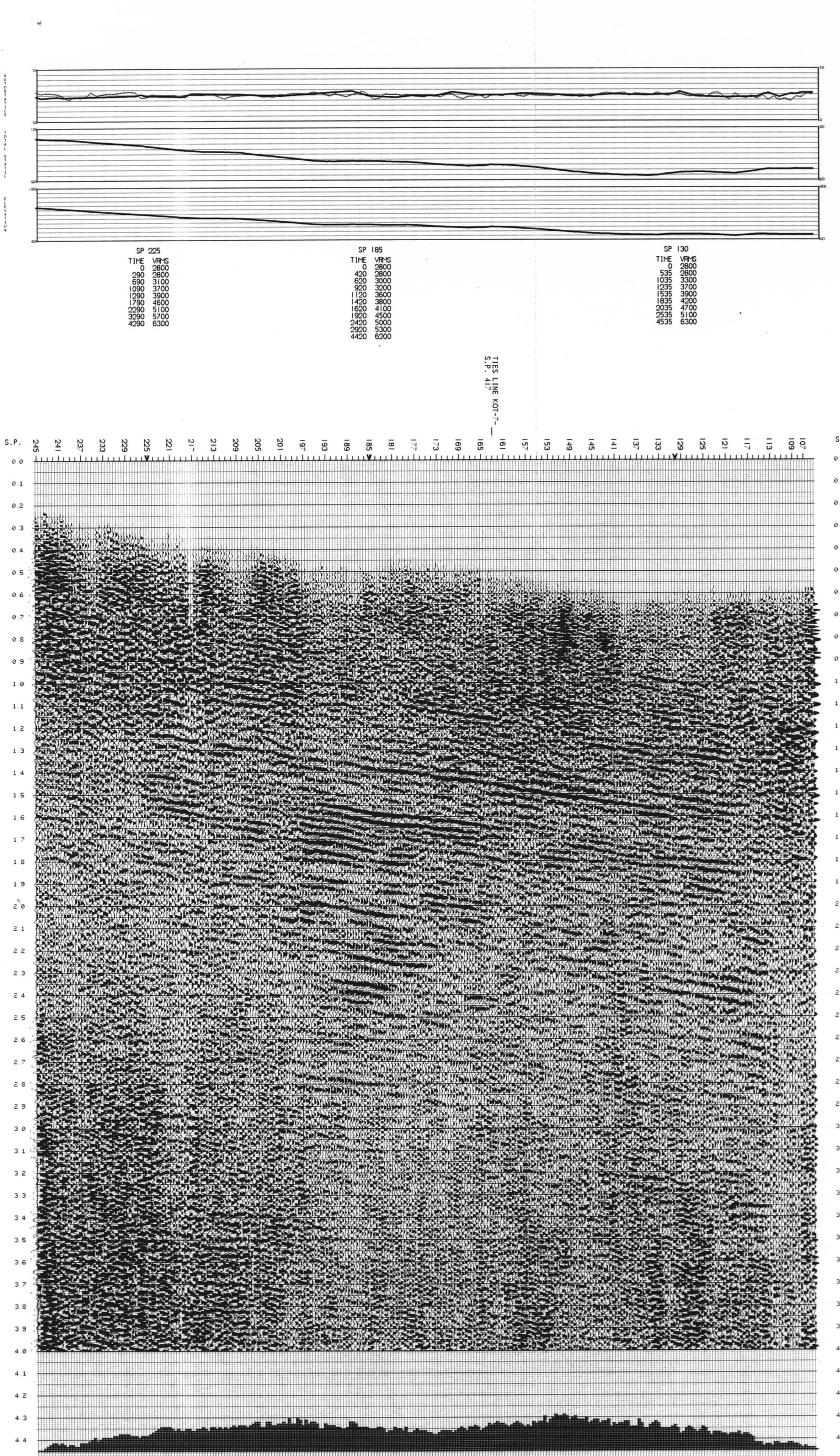




LINE KOT-2
S.P. 107-245
EAST

STRUCTURAL STACK
NORTHCOR ENERGY LTD.
KOTANEELEE

	SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING CALGARY CANADA	DATE PROCESSED AUGUST, 1984 Q.C. TCS
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FIELD RECORDING	
DATE SHOT AUGUST, 1983	SHOT BY SEFEL GEOPHYSICAL LTD
SOURCE TYPE DYNAMITE	PARTY NO. 521
SOURCE PATTERN 2 KG AT 50 M	SINGLE HOLE
CHARGE SIZE MARK-L15 10 HZ	
GEOPHONE TYPE 18 AT 3 M INT.	
INSTRUMENTS 338 HR SERCEL	
FORMAT SEG8	
DATA CHANNELS 96	
RECORDING FILTER 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 HINDON	
MIN OFFSET	350-1350 MS.
MAX OFFSET	700-1700 MS.
OPERATOR LENGTH	80 MS
PREHITTENING	1 PERCENT
7 WEATHERING STATICS	VARIABLE DATUM
DATUM ELEVATION	3700 M/SEC.
DATUM VELOCITY	610 M/SEC.
8 VELOCITY ANALYSIS	
9 NMO	
10 AUTOMATIC RESIDUAL STATICS	
MAX CORRELATION LAG	+-40 MS
HINDON	500-2500 MS.
11 COMMON OFFSET STACK	
12 RESIDUAL NMO	
13 MUTE	1200 PERCENT
14 STACK	
15 TIME VARIANT FILTER	14/22-65/75 HZ
0-1000 MS	11/18-40/56 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