

9229-N10-8E

LINE NTL-15
S.P. 101-705
NE

MIGRATED STRUCTURAL STACK

NORTHCOR ENERGY LTD
TRINOR LAKE



SEFEL GEOPHYSICAL
SEISMIC DATA PROCESSING
CALGARY CANADA

DATE PROCESSED
FEB-APRIL, 1984
O.C. TCS

FIELD RECORDING

DATE SHOT	JAN-MARCH, 1984
SHOT BY	SEFEL GEOPHYSICAL LTD.
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	SEG
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 PROCESSING SAMPLE RATE	2 MS
3 INSTRUMENT PHASE COMPENSATION	
4 GEOPHONE PHASE COMPENSATION	1200 PERCENT
5 CDP TRACE GATHERS	
6 AUTOMATIC GAIN CURVE APPLICATION	
7 SPKING DECONVOLUTION	
8 OPERATOR DESIGN HINDON	
9 MIN OFFSET	300-1300 MS
10 MAX CORRELATION LAG	800-1800 MS
11 COMMON OFFSET STACK	60 MS
12 RESIDUAL NMO	1 PERCENT
13 MUTE	
14 STACK	1200 PERCENT
15 HAVE EQUATION MIGRATION	
16 BANDPASS FILTER	8/16 - 100/120 HZ
17 EQUALIZATION	
18 FILM DISPLAY	400-1400 MS 16 TRACES/IN 7.5 INCHES/SEC

NORMAL POLARITY (POSITIVE VALUE PEAK)

PROCESSING PARAMETERS SELECTED BY
ENPRESS EXPLORATION CONSULTANTS



