

LINE NIR-31
S.P. 101-521
N.E.

MIGRATED STRUCTURAL STACK

NORTHCOR ENERGY LTD
ISLAND RIVER

SEFEL	SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING CALGARY, CANADA	DATE PROCESSED JAN.-FEB. 1984 Q.C. TCS
FIELD RECORDING		
DATE SHOT JAN.-FEB. 1984	SEFEL GEOPHYSICAL LTD.	
SOURCE TYPE DYNAMITE	PARTY NO. 501	
CHARGE SIZE 2 KG AT 12 M	SINGLE HOLE	
GEOPHONE TYPE MARK-10 HZ	9 AT 3 M INTERVALS	
GEOPHONE PATTERN MDS-10	96 TRACES	
INSTRUMENTS SEG	12/18 - 125/72 HZ	
RECORDING FILTER 3 SEC	2 SEC	
RECORD LENGTH 2 SEC	25 M	
SAMPLE INTERVAL 100 M	1200-25-X-25-1200	
DIGITAL PROCESSING		
1 DEMULTIPLEX WITH GAIN REMOVAL 2 MS		
2 INSTRUMENT PHASE COMPENSATION		
3 GEOPHONE PHASE COMPENSATION 1200 PERCENT		
4 CDP TRACE GATHERS		
5 AUTOMATIC GAIN CURVE APPLICATION		
6 SPIKING DECONVOLUTION		
OPERATOR DESIGN WINDOW		
MIN OFFSET 300-1300 MS		
MAX OFFSET 800-1800 MS		
OPERATOR LENGTH 60 MS		
PREWHITENING 1 PERCENT		
7 HEATHERING STATISTICS		
DATUM ELEVATION 700 M ASL		
DATH VELOCITY 2750 M/SEC		
HEATHERING VELOCITY 610 M/SEC		
8 VELOCITY ANALYSIS		
9 NMO		
10 AUTOMATIC RESIDUAL STATICS		
MAX CORRELATION LAG 400-1100 MS		
WINDOW		
11 COMMON OFFSET STACK		
12 RESIDUAL NMO		
13 MUTE		
14 STACK 1200 PERCENT		
15 HAVE EQUATION MIGRATION		
16 BANDPASS FILTER 8/16 - 100/120 HZ		
17 EQUALIZATION		
400-1400 MS		
18 FILM DISPLAY 16 TRACES/IN		
7.5 INCHES/SEC		
NORMAL POLARITY (POSITIVE VALUE PEAK)		
PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS		

