

LINE NIR-25
S.P. 101-561
N.E.

MIGRATED STRUCTURAL STACK

NORTHCOR ENERGY LTD
ISLAND RIVER

 SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING CALGARY, CANADA		DATE PROCESSED JAN.-FEB., 1984 G.C. TCS
FIELD RECORDING		
DATE SHOT JAN.-FEB., 1984	SEFEL GEOPHYSICAL LTD. PARTY NO. 501	
SOURCE TYPE DYNAMITE	SINGLE HOLE	
SOURCE PATTERN 2 KG AT 12 M	MARK - 10 M	
CHARGE SIZE 9 AT 3 M INTERVALS	MDS-10 96 TRACES	
GEOPHONE TYPE MDS-10	SEG	
GEOPHONE PATTERN 12/18 - 125/72 HZ	RECORDING FILTER	
INSTRUMENTS 3 SEC	RECORD LENGTH	
FORMAT 2 MS	SAMPLE INTERVAL	
RECORDING FILTER 25 M	GROUP INTERVAL	
RECORD LENGTH 100 M	SHOT POINT INTERVAL	
SAMPLE INTERVAL 1200-25-X-25-1200	SPREAD GEOMETRY	
GROUP INTERVAL		
SHOT POINT INTERVAL		
SPREAD GEOMETRY		
DIGITAL PROCESSING		
1 DEMULTIPLEX WITH GAIN REMOVAL		
PROCESSING SAMPLE RATE 2 MS		
2 INSTRUMENT PHASE COMPENSATION		
3 GEOPHONE PHASE COMPENSATION 1200 PERCENT		
4 CDP TRACE GATHERS		
5 AUTOMATIC GAIN CURVE APPLICATION		
6 SPLITTING DECONVOLUTION		
OPERATOR DESIGN WINDOW		
MIN OFFSET 300-1300 MS		
MAX OFFSET 800-1800 MS		
OPERATOR LENGTH 60 MS		
PREWHITENING 1 PERCENT		
7 HEATHERING STATICS		
DATUM ELEVATION 700 M ASL		
DATUM VELOCITY 2750 M/SEC		
HEATHERING VELOCITY 610 M/SEC		
8 VELOCITY ANALYSIS		
9 NPH		
10 AUTOMATIC RESIDUAL STATICS		
MAX CORRELATION LAG +-30 MS		
WINDOW 400-1100 MS		
11 COMMON OFFSET STACK		
12 RESIDUAL NMO		
13 MUTE		
14 STACK 1200 PERCENT		
15 WAVE EQUATION MIGRATION		
BANDPASS FILTER 8/16 - 100/120 HZ		
17 EQUALIZATION		
WINDOW 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		



