

LINE NCB-37
S.P. 656-1213
EAST

9220-N10-10E

MIGRATED STACK

NORTHCOR ENERGY LTD
CELIBETA LAKE

SEFEL SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING CALGARY, CANADA	DATE PROCESSED JUNE, 1984 Q.C. DEBRA BARRON
	FIELD RECORDING
DATE SHOT MARCH, 1984 SHOT BY SEFEL GEOPHYSICAL LTD. SOURCE TYPE PARTY NO. 506 SOURCE PATTERN SINGLE HOLE CHARGE DYNAMITE GEOPHONE TYPE GEOSPATE 10 M GEOPHONE PATTERN 9 AT 3 M INTERVALS DATA CHANNELS 96 GROUP INTERVAL 25 M SHOT POINT INTERVAL 100 M SPREAD GEOMETRY 1200-25-X-25-1200 INSTRUMENT TYPE MDS-10 TAPE FORMAT 555 B FIELD FILTER 12/18-125/72 HZ/DB NOTCH OUT SAMPLE INTERVAL 2 MS RECORD LENGTH 3 SEC	
DIGITAL PROCESSING	
1 DEMULTIPLEX WITH GAIN REMOVAL PROCESSING SAMPLE RATE 2 MS 2 GEOMETRIC 3 AUTOMATIC GAIN CURVE APPLICATION 4 INSTRUMENT PHASE COMPENSATION 5 GEOPHONE PHASE COMPENSATION 6 SPIKING DECONVOLUTION 60 MS OPERATOR LENGTH 60 MS OPERATOR DESIGN WINDOW 200-1550 MS MIN OFFSET 850-2300 MS PREWHITENING 1 PERCENT 7 EQUALIZATION 8 WEATHERING CORRECTIONS 500 M ASL DATUM ELEVATION 3700 M/SEC WEATHERING VELOCITY 510 M/SEC 9 AUTOMATIC RESIDUAL STATICS WINDOW 500-1700 MS MAX CORRELATION LAG 40 MS 10 VELOCITY ANALYSIS 11 NORMAL MOVEOUT 12 AUTOMATIC RESIDUAL STATICS WINDOW 300-2000 MS MAX CORRELATION LAG 20 MS 13 COMMON OFFSET STACK 14 RESIDUAL NMO 15 MUTE 16 STACK 17 BANDPASS FILTER 10/20-60/70 HZ EQUALIZATION WINDOW 400-2000 MS 18 TIME DOMAIN HAVE EQUATION MIGRATION 16 TR/N 20 FILM DISPLAY 7.5 IN/SEC POLARITY (X) NORMAL () REVERSE	
PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS	



