

LINE NCL-6
S.P. 101-625
SE

92-9-10-10E
MIGRATED STACK

NORTHCOR ENERGY LTD
CELIBETA LAKE

	SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING CALGARY CANADA	DATE PROCESSED JUNE, 1984 O.C. DEBRA BARRON
	FIELD RECORDING DATE SHOT MARCH, 1984 SHOT BY SEFEL GEOPHYSICAL LTD. SOURCE TYPE DYNAMITE SOURCE PATTERN SINGLE HOLE CHARGE 2 KG AT 11 M GEOPHONE TYPE GEOPACE 10 HZ 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 MCS-10 TAPE FORMAT SEC 8 FIELD FILTER 12/18-125/72 HZ/DB NOTCH OUT SAMPLE INTERVAL 2 MS RECORD LENGTH 3 SEC	
DIGITAL PROCESSING 1 DEMULTIPLY WITH GAIN REMOVAL PROCESSING SAMPLE RATE 2 MS 2 GEOMETRY 3 AUTOMATIC GAIN CURVE APPLICATION 4 INSTRUMENT PHASE COMPENSATION 5 GEOPHONE PHASE COMPENSATION 6 SPIKING DECONVOLUTION 60 MS OPERATOR DESIGN WINDOW 200-1650 MS MIN OFFSET 850-2300 MS MAX OFFSET 1 PERCENT 7 EQUALIZATION 8 WEATHERING CORRECTIONS 500 M ASL DATUM ELEVATION 3700 M/SEC DATUM VELOCITY 610 M/SEC WEATHERING VELOCITY 9 AUTOMATIC RESIDUAL STATICS WINDOW 500-1700 MS MAX CORRELATION LAG -- 40 MS 10 VELOCITY ANALYSIS 11 NORMAL MOVEOUT 12 AUTOMATIC RESIDUAL STATICS WINDOW 300-1800 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 18 EQUALIZATION 400-2000 MS 19 THE SOKAIN WAVE EQUATION MIGRATION 16 TR/IN 20 FILM DISPLAY 7.5 IN/SEC POLARITY (X) NORMAL () REVERSE PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS		



