

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

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 BY: MARCH, 1984 SHOT BY: SEFEL GEOPHYSICAL LTD. SOURCE TYPE: DYNAMITE SOURCE PATTERN: SINGLE HOLE CHARGE: 2 KG AT 11 M GEOPHONE TYPE: GEOSPAC 10 HZ GEOPHONE PATTERN: 8 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: KDS-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 OPERATOR LENGTH: 60 MS OPERATOR DESIGN WINDOW: 200-1650 MS MIN OFFSET: 850-2300 MS MAX OFFSET: 1 PERCENT 7 PREWHITENING 8 WEATHERING CORRECTIONS DATUM ELEVATION: 500 M ASL DATUM VELOCITY: 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: 300-1800 MS MAX CORRELATION LAG: +- 20 MS 13 COMMON OFFSET STACK 14 RESIDUAL WHO 15 MUTE 16 STACK 17 BANDPASS FILTER WINDOW: 10/20-60/70 HZ 18 EQUALIZATION 19 TIME DOMAIN HAVE EQUATION MIGRATION 20 FILM DISPLAY 7.5 IN/SEC POLARITY (X) NORMAL () REVERSE		
PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS		



