

LINE NCL-8
S.P. 101-553
EAST

9229-N10-10E

MIGRATED STACK

NORTHCOR ENERGY LTD
CELIBETA LAKE

SEFEL 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 DYNAMIC SOURCE PATTERN SINGLE HOLE CHARGE XG 811 M GEOPHONE TYPE GEOSPAC 10 HZ GEOPHONE PATTERN 9 AT 3 M INTERVALS DATA CHANNELS 88 GROUP INTERVAL 25 M SHOT POINT INTERVAL 100 M SPREAD GEOMETRY 1200-25-X-25-1200 INSTRUMENT TYPE KCS-10 TAPE FORMAT SEC 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 GEOMETRY 3 AUTOMATIC GAIN CURVE APPLICATION 4 INSTRUMENT PHASE COMPENSATION 5 GEOPHONE PHASE COMPENSATION 6 SPIKING DECONVOLUTION 60 MS OPERATOR LENGTH 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 WEATHERING VELOCITY 610 M/SEC 9 AUTOMATIC RESIDUAL STATICS 500-1700 MS MINIMUM -- 40 MS MAX CORRELATION LAG 10 VELOCITY ANALYSIS 11 NORMAL MOVEOUT 500-1700 MS 12 AUTOMATIC RESIDUAL STATICS MINIMUM -- 20 MS MAX CORRELATION LAG 13 COMMON OFFSET STACK 14 RESIDUAL NMO 15 MUTE 16 STACK 10/20-60/70 HZ 17 BANDPASS FILTER 400-2000 MS MINIMUM 18 TR/IN 19 TIME DOMAIN WAVE EQUATION MIGRATION 7.2 IN/SEC 20 FILT DISPLAY POLARITY (X) NORMAL () REVERSE PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS	



