

LINE NCB-39
S.P. 653-1193

EAST

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. PARTY NO. 506 SOURCE TYPE DYNAMIC SOURCE PATTERN SINGLE HOLE CHARGE 9 KG AT 11 M GEOPHONE TYPE GEOSPAC 10 HZ GEOPHONE PATTERN 9 AT 3 H INTERVALS DATA CHANNELS 36 GROUP INTERVAL 25 M SHOT POINT INTERVAL 100 M SPREAD GEOMETRY 1200-25-X-25-1200 INSTRUMENT TYPE KOS-10 TAPE FORMAT SEG B FIELD FILTER 12/18-125/72 HZ/OB 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 OPERATOR LENGTH 60 MS OPERATOR DESIGN WINDOW MIN OFFSET 200-1650 MS MAX OFFSET 850-2300 MS PREWHITENING 1 PERCENT 7 EQUALIZATION 8 HEATHERING CORRECTIONS DATUM ELEVATION 500 M ASL DATUM VELOCITY 3700 M/SEC HEATHERING 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 18 EQUALIZATION WINDOW 400-2000 MS 19 TIME DOMAIN HAVI EQUATION MIGRATION 20 FILM DISPLAY 7.5 IN/IN POLARITY (X) NORMAL () REVERSE		
PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS		



