

LINE NCH-29
S.P. 101-753

NORTH

MIGRATED STACK

NORTHCOR ENERGY LTD
CAMERON HILLS

	SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING CALGARY CANADA	DATE PROCESSED MAY, 1984 G.C. DEBRA BARRON
	FIELD RECORDING DATE SHOT MARCH, 1984 SHOT BY SEFEL GEOPHYSICAL LTD. SOURCE TYPE PARTY NO. 521 SOURCE PATTERN DYNAMITE CHARGE SINGLE HOLE GEOPHONE TYPE 2 KG AT 12 M GEOPHONE PATTERN MARK 1-15 10 HZ DATA CHANNELS 9 AT 3.0 M INTERVALS GROUP INTERVAL 25 M SHOT POINT INTERVAL 100 M SPREAD GEOMETRY 1200-25-X-25-1200 M INSTRUMENT TYPE SERCEL 338B TAPE FORMAT SEC8 FIELD FILTER 8/12 - 125/24 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 LOW CUT FILTER 7 SPIKING DECONVOLUTION OPERATOR LENGTH 8/16 HZ OPERATOR DESIGN WINDOW 60 MS MIN OFFSET 100-1500 MS MAX OFFSET 750-2150 MS PREWHITENING 1 PERCENT 8 HEATHERING CORRECTIONS DATUM ELEVATION 750 M ASL DATUM VELOCITY 2800 M/SEC HEATHERING VELOCITY 610 M/SEC 9 EQUALIZATION 10 AUTOMATIC RESIDUAL STATICS WINDOW 350-1000 MS MAX CORRELATION LAG +-40 MS 11 VELOCITY ANALYSIS 12 NORMAL MOVEOUT 13 AUTOMATIC RESIDUAL STATICS WINDOW 350-1100 MS MAX CORRELATION LAG +-20 MS 14 COMMON OFFSET STACK 15 RESIDUAL NMO 16 MUTE 17 STACK 18 BANDPASS FILTER 1200 PERCENT EQUALIZATION 8/16-75/25 HZ 19 EQUALIZATION 20 TIME DOMAIN HAVE EQUATION MIGRATION 21 FILM DISPLAY 7.5 IN/SEC POLARITY (X) POSITIVE () NEGATIVE PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS		



