

LINE NCH-19
S.P. 101-460
EAST

MIGRATED STACK

NORTHCOR ENERGY LTD
CAMERON HILLS

	SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING CALGARY CANADA	DATE PROCESSED MAY, 1984 O.C. DEBRA BARRON
	FIELD RECORDING DATE SHOT: MARCH 1984 SHOT BY: SEFEL GEOPHYSICAL LTD. SOURCE TYPE: PARTY NO. 521 SOURCE PATTERN: DYNALITE GEOPHONE TYPE: SINGLE HOLE GEOPHONE PATTERN: 2 KG AT 12 M DATA CHANNELS: MARK L-15 10 HZ GROUP INTERVAL: 9 AT 3.0 M INTERVALS SHOT POINT INTERVAL: 25 M SPREAD GEOMETRY: 100 M INSTRUMENT TYPE: 1200-25-X-25-1200 M TAPE FORMAT: SERCEL 3388 FIELD FILTER: SEC8 NOTCH: 8/12 - 125/24 HZ/DB SAMPLE INTERVAL: 2 MS RECORD LENGTH: 3 SEC	
DIGITAL PROCESSING 1 DEMULTIPLEX WITH GAIN REMOVAL 2 GEOMETRY PROCESSING SAMPLE RATE 2 MS 3 AUTOMATIC GAIN CURVE APPLICATION 4 INSTRUMENT PHASE COMPENSATION 5 GEOPHONE PHASE COMPENSATION 6 LOW CUT FILTER 7 SPIKING DECONVOLUTION 8 OPERATOR LENGTH 60 MS 9 OPERATOR DESIGN WINDOW 100-1500 MS 10 MIN OFFSET 750-2150 MS 11 MAX OFFSET 1 PERCENT 12 PREWHITENING 13 HEATERING CORRECTIONS 14 DATUM ELEVATION 750 M ASL 15 DATUM VELOCITY 2600 M/SEC 16 HEATERING VELOCITY 610 M/SEC 17 EQUALIZATION 18 AUTOMATIC RESIDUAL STATICS 19 WINDOW MAX CORRELATION LAG 350-1000 MS 20 MIN CORRELATION LAG 40 MS 21 VELOCITY ANALYSIS 22 NORMAL MOVEOUT 23 AUTOMATIC RESIDUAL STATICS 24 WINDOW MAX CORRELATION LAG 450-1200 MS 25 MIN CORRELATION LAG 40 MS 26 COMMON OFFSET STACK 27 RESIDUAL INVO 28 MUTE 29 STACK 1200 PERCENT 30 BANDPASS FILTER 8/16-75/95 HZ 31 EQUALIZATION 32 WINDOW 300-1500 MS 33 TIME DOMAIN HAVE EQUATION MIGRATION 16 TR/IN 34 FILM DISPLAY 7.5 IN/SEC POLARITY (x) POSITIVE () NEGATIVE PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS		

