

LINE NCH-18
S.P. 101-717
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: DYNAMITE		
SOURCE PATTERN: SINGLE HOLE		
CHARGE: 2 KG AT 12 M		
GEOPHONE TYPE: MARK L-15 10 HZ		
GEOPHONE PATTERN: 9 AT 3.0 M INTERVALS		
DATA CHANNELS: 88		
GROUP INTERVAL: 25 M		
SHOT POINT INTERVAL: 100 M		
SPREAD GEOMETRY: 1200-25-X-25-1200 M		
INSTRUMENT TYPE: SERCEL 338B		
TAPE FORMAT: SEGB		
FIELD FILTER: 8/12 - 125/24 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 LOW CUT FILTER		
7 SPIKING DECONVOLUTION		
OPERATOR LENGTH: 8/16 HZ		
OPERATOR DESIGN WINDOW: 60 MS		
MIN OFFSET: 100-1500 MS		
MAX OFFSET: 750-1500 MS		
PREHITTING: 1 PERCENT		
8 HEATHERING CORRECTIONS		
DATUM ELEVATION: 750 M ASL		
DATUM VELOCITY: 2600 M/SEC		
HEATHERING VELOCITY: 610 M/SEC		
9 EQUALIZATION		
10 AUTOMATIC RESIDUAL STATICS		
WINDOW: 350-1000 MS		
11 VELOCITY ANALYSIS		
MAX CORRELATION LAG: +-40 MS		
12 NORMAL MOVEOUT		
13 AUTOMATIC RESIDUAL STATICS		
WINDOW: 450-1200 MS		
MAX CORRELATION LAG: +-20 MS		
14 COMMON OFFSET STACK		
15 RESIDUAL NFO		
16 MUTE		
17 STACK		
BANDPASS FILTER: 1200 PERCENT		
18 BANDPASS FILTER: 8/16-75/95 HZ		
19 EQUALIZATION		
WINDOW: 300-1500 MS		
20 TIME DOMAIN WAVE EQUATION MIGRATION		
16 TR/IN		
21 FILM DISPLAY		
7.5 IN/SEC		
POLARITY (X) POSITIVE () NEGATIVE		
PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS		



