

LINE NCH-11
S.P. 101-657
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 FEBRUARY, 1984		
SHOT BY SEFEL GEOPHYSICAL LTD.		
SOURCE TYPE PART NO. 521		
SOURCE PATTERN DYNAMITE		
CHARGE SINGLE HOLE		
GEOPHONE TYPE MARK L-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 SEFEL 538B		
TAPE FORMAT SEGB		
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		
2 PROCESSING SAMPLE RATE 2 MS		
3 GEOMETRY		
4 AUTOMATIC GAIN CURVE APPLICATION		
5 INSTRUMENT PHASE COMPENSATION		
6 GEOPHONE PHASE COMPENSATION		
7 LOW CUT FILTER 8/16 HZ		
8 SPKING DECONVOLUTION		
OPERATOR LENGTH 60 MS		
OPERATOR DESIGN WINDOW 100-1500 MS		
MIN OFFSET 750-2150 MS		
MAX OFFSET 1 PERCENT		
9 PREHEATING CORRECTIONS		
DATUM ELEVATION 750 M ASL		
DATUM VELOCITY 2600 M/SEC		
WEATHERING VELOCITY 610 M/SEC		
10 EQUALIZATION		
11 AUTOMATIC RESIDUAL STATICS		
WINDOW 350-1000 MS		
MAX CORRELATION LAG +-40 MS		
12 VELOCITY ANALYSIS		
13 NORMAL MOVEOUT		
14 AUTOMATIC RESIDUAL STATICS		
WINDOW 350-1200 MS		
MAX CORRELATION LAG +-20 MS		
15 COMMON OFFSET STACK		
16 MUTE		
17 STACK 1200 PERCENT		
18 BANDPASS FILTER 8/16-75/95 HZ		
19 EQUALIZATION		
WINDOW 300-1500 MS		
20 TIME DOMAIN WAVE EQUATION MIGRATION 16 TR/N		
21 FILM DISPLAY 7.5 IN/SEC		
POLARITY (x) POSITIVE () NEGATIVE		
PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS		



