

LINE NCH-20
S.P. 101-839
NORTH

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 DYNAMITE		
SOURCE PATTERN SINGLE HOLE		
CHARGE 2 KG AT 12 M		
GEOPHONE TYPE MARK 1-15 10 HZ		
GEOPHONE PATTERN 9 AT 3.0 M INTERVALS		
DATA CHANNELS 96		
GROUP INTERVAL 20 M		
SHOT POINT INTERVAL 80 M		
SPREAD GEOMETRY 960-20-X-20-960 M		
INSTRUMENT TYPE SERCEL 3388		
TAPE FORMAT SEGB		
FIELD FILTER 8/12 - 125/24 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 LOW CUT FILTER		
7 SPIKING DECONVOLUTION		
OPERATOR LENGTH 8/16 HZ		
OPERATOR DESIGN HINDON 60 MS		
MIN OFFSET 100-1500 MS		
MAX OFFSET 100-1500 MS		
PREHITTING 1 PERCENT		
8 WEATHERING CORRECTIONS		
DATUM ELEVATION 750 M ASL		
DATUM VELOCITY 2600 M/SEC		
WEATHERING VELOCITY 610 M/SEC		
9 EQUALIZATION		
10 AUTOMATIC RESIDUAL STATICS		
HINDON 350-1000 MS		
11 MAX CORRELATION LAG		
VELOCITY ANALYSIS +40 MS		
12 NORMAL MOVEOUT		
13 AUTOMATIC RESIDUAL STATICS		
HINDON 350-1000 MS		
14 MAX CORRELATION LAG		
COMMON OFFSET STACK +20 MS		
15 RESIDUAL NMO		
16 MUTE		
17 STACK 1200 PERCENT		
18 BANDPASS FILTER 8/16-75/95 HZ		
19 EQUALIZATION		
HINDON 300-1500 MS		
20 TIME DOMAIN HAVE EQUATION MIGRATION		
21 FILM DISPLAY 7.5 IN/SEC		
POLARITY (X) POSITIVE () NEGATIVE		
PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS		



