

LINE NCB-41
S.P. 1221-1669

EAST
0.2 2.5 10-105

MIGRATED STACK

NORTHCOR ENERGY LTD

BOVIE LAKE

	SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING CALGARY CANADA	DATE PROCESSED JUNE, 1984 O.C. DEBRA BARRON
	FIELD RECORDING	
DATE SHOT MARCH, 1984		
SHOT BY SEFEL GEOPHYSICAL LTD.		
SOURCE TYPE DYNAMIC		
SOURCE PATTERN SINGLE HOLE		
CHARGE 2 KG AT 11		
GEOPHONE TYPE GEOSPAC 10 HZ		
GEOPHONE PATTERN 9 AT 3 M INTERVALS		
DATA CHANNELS 25 M		
GROUP INTERVAL 100 M		
SHOT POINT INTERVAL 1200-25-X-25-1200		
SPREAD GEOMETRY 405-10		
INSTRUMENT TYPE SEG B		
TAPE FORMAT 12/18-125/72 HZ/DB		
FIELD FILTER NOTCH		
NOTCH 3 MS		
SAMPLE INTERVAL 3 SEC		
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		
GEOPHONE PHASE COMPENSATION		
5 SPLITTING DECONVOLUTION		
OPERATOR LENGTH 60 MS		
OPERATOR DESIGN WINDOW		
MIN OFFSET 200-1650 MS		
MAX OFFSET 850-2300 MS		
PRE-HIGHLIGHTING 1 PERCENT		
7 EQUALIZATION		
8 WEATHERING CORRECTIONS		
DATUM ELEVATION 500 M ASL		
DATUM VELOCITY 3700 M/SEC		
WEATHERING VELOCITY 810 M/SEC		
9 AUTOMATIC RESIDUAL STATICS		
WINDOW 500-1700 MS		
MAX CORRELATION LAG -- 40 MS		
10 VELOCITY ANALYSIS		
11 NORMAL MOVEOUT		
12 AUTOMATIC RESIDUAL STATICS		
WINDOW 300-2000 MS		
MAX CORRELATION LAG -- 20 MS		
13 COMMON OFFSET STACK		
14 RESIDUAL NMO		
15 MUTE		
16 STACK		
17 BANDPASS FILTER 10/20-60/70 HZ		
18 EQUALIZATION		
19 TIME DOMAIN HAVI EQUATION MIGRATION 400-2000 MS		
20 FILM DISPLAY 16 TR/IN		
POLARITY (X) NORMAL () REVERSE		
PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS		



