

LINE NB-14
S.P. 761-89
EAST

MIGRATED STRUCTURAL STACK
NORTHCOR ENERGY LTD
BOVIE LAKE

SEFEL	SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING CALGARY CANADA	DATE PROCESSED JUNE 1984 G.C. RN
FIELD RECORDING		
DATE SHOT FEBRUARY 1984	SEFEL GEOPHYSICAL LTD.	
SHOT BY PARTY NO. 508	DYNAMITE	
SOURCE TYPE SINGLE HOLE	SINGLE HOLE	
CHARGE SIZE 2 KG AT 15 M	2 KG AT 15 M	
GEOPHONE TYPE GEOSPACE-10 HZ	GEOSPACE-10 HZ	
GEOPHONE PATTERN 8 AT 3 M INTERVALS	8 AT 3 M INTERVALS	
INSTRUMENTS MOS-10 96 TRACES	MOS-10 96 TRACES	
FORMAT SEB	SEB	
RECORDING FILTER 12/18 - 125/72 HZ	12/18 - 125/72 HZ	
RECORD LENGTH 4 SEC	4 SEC	
SAMPLE INTERVAL 2 MS	2 MS	
GROUP INTERVAL 25 M	25 M	
SHOT POINT INTERVAL 100 M	100 M	
SPREAD GEOMETRY 1200-25-X-25-1200 M	1200-25-X-25-1200 M	
DIGITAL PROCESSING		
1 DEMULTIPLEX WITH GAIN REMOVAL	2 MS	
2 INSTRUMENT PHASE COMPENSATION	1200 PERCENT	
3 GEOPHONE PHASE COMPENSATION	1200 PERCENT	
4 CDP TRACE GATHERS	1200 PERCENT	
5 AUTOMATIC GAIN CURVE APPLICATION	1200 PERCENT	
6 SPLITTING DECONVOLUTION	1200 PERCENT	
7 OPERATOR DESIGN HINDON	150-1650 MS	
8 MIN OFFSET	800-2300 MS	
9 OPERATOR LENGTH	60 MS	
10 PREWHITENING	1 PERCENT	
11 WEATHERING STATICS	500 M ASL	
12 DATUM ELEVATION	3700 M/SEC	
13 DATUM VELOCITY	610 M/SEC	
14 WEATHERING VELOCITY	610 M/SEC	
15 AUTOMATIC RESIDUAL STATICS	1200 PERCENT	
16 MAX CORRELATION LAG	300-1700 MS	
17 HINDON	300-1700 MS	
18 VELOCITY ANALYSIS	300-1700 MS	
19 NO	300-1700 MS	
20 AUTOMATIC RESIDUAL STATICS	1200 PERCENT	
21 MAX CORRELATION LAG	300-1700 MS	
22 HINDON	300-1700 MS	
23 COMMON OFFSET STACK	1200 PERCENT	
24 RESIDUAL NMO	1200 PERCENT	
25 MUTE	1200 PERCENT	
26 STACK	1200 PERCENT	
27 WAVE EQUATION MIGRATION	10/20 - 60/70 HZ	
28 BANDPASS FILTER	10/20 - 60/70 HZ	
29 EQUALIZATION	10/20 - 60/70 HZ	
30 HINDON	10/20 - 60/70 HZ	
31 FILM DISPLAY	10/20 - 60/70 HZ	
POLARITY (X) NORMAL () REVERSE		
PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS		



