

LINE NB-12
S.P. 81-621

EAST 10-10E

MIGRATED STRUCTURAL STACK

NORTHCOR ENERGY LTD

BOVIE LAKE

	SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING CALGARY, CANADA	DATE PROCESSED JUNE 1984 G.C. RN
FIELD RECORDING		
DATE SHOT SHOT BY SOURCE TYPE SOURCE PATTERN CHARGE SIZE GEOPHONE TYPE GEOPHONE PATTERN INSTRUMENTS FORMAT RECORDING FILTER RECORD LENGTH SAMPLE INTERVAL GROUP INTERVAL SHOT POINT INTERVAL SPREAD GEOMETRY	FEBRUARY 1984 SEFEL GEOPHYSICAL LTD. PART NO. 508 DYNAMITE SINGLE HOLE 2 KG AT 11 M GEOSPAC-10 HZ 9 AT 3 M INTERVALS MS-10 96 TRACE SEGB 12/18 - 125/72 HZ 4 SEC 2 MS 25 M 100 M 1200-25-X-25-1200 M	
DIGITAL PROCESSING		
1 DEMULTIPLEX WITH GAIN REMOVAL PROCESSING SAMPLE RATE 2 MS 2 INSTRUMENT PHASE COMPENSATION 3 GEOPHONE PHASE COMPENSATION 4 CDP TRACE GATHERS 5 AUTOMATIC GAIN CURVE APPLICATION 6 SPIKING DECONVOLUTION OPERATOR DESIGN WINDOW MIN OFFSET 150-1850 MS MAX OFFSET 800-2300 MS OPERATOR LENGTH 60 MS PREWHITENING 1 PERCENT 7 WEATHERING STATICS DATUM ELEVATION 500 M ASL DATUM VELOCITY 3700 M/SEC WEATHERING VELOCITY 610 M/SEC 8 AUTOMATIC RESIDUAL STATICS MAX CORRELATION LAG +-30 MS WINDOW 300-1500 MS 9 VELOCITY ANALYSIS 10 NMO 11 AUTOMATIC RESIDUAL STATICS MAX CORRELATION LAG +-20 MS WINDOW 200-1200 MS 12 COMMON OFFSET STACK 13 RESIDUAL NMO 14 MUTE 15 STACK 1200 PERCENT 16 WAVE EQUATION MIGRATION 10/20 - 60/70 HZ 17 BANDPASS FILTER 18 EQUALIZATION 400-2500 MS 19 FILM DISPLAY 16 TRACES/IN 7.5 INCHES/SEC		
POLARITY (X) NORMAL () REVERSE		
PROCESSING PARAMETERS SELECTED BY EXPRESS EXPLORATION CONSULTANTS		



