

LINE NB-12
S.P. 81-621
EAST

MIGRATED STRUCTURAL STACK

NORTHCOR ENERGY LTD
BOVIE LAKE

	SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING CALGARY, CANADA	DATE PROCESSED JUNE 1984 O.C. RN
FIELD RECORDING		
DATE SHOT: FEBRUARY 1984 SHOT BY: SEFEL GEOPHYSICAL LTD. SOURCE TYPE: SINGLE HOLE SOURCE PATTERN: DYNAMITE CHARGE SIZE: 2 KG AT 11 M GEOPHONE TYPE: GEOSPAC-10 HZ GEOPHONE PATTERN: 8 AT 3 M INTERVALS INSTRUMENTS: MCS-10 98 TRACE FORMAT: SEG2 RECORDING FILTER: 12/18 - 125/72 HZ RECORD LENGTH: 4 SEC SAMPLE INTERVAL: 2 MS GROUP INTERVAL: 25 M SHOT POINT INTERVAL: 100 M SPREAD GEOMETRY: 1200-25-X-25-1200 M		
DIGITAL PROCESSING		
1 DEMULTIPLEX WITH GAIN REMOVAL 2 PROCESSING SAMPLE RATE: 2 MS 3 INSTRUMENT PHASE COMPENSATION 4 GEOPHONE PHASE COMPENSATION: 1200 PERCENT 5 COP TRACE GATHERS 6 AUTOMATIC GAIN CURVE APPLICATION 7 OPERATOR DESIGN WINDOW MIN OFFSET: 150-1650 MS MAX OFFSET: 800-2300 MS OPERATOR LENGTH: 60 MS PREHEATING: 1 PERCENT 8 WEATHERING STATICS DATUM ELEVATION: 500 M ASL DATUM VELOCITY: 3700 M/SEC WEATHERING VELOCITY: 610 M/SEC 9 AUTOMATIC RESIDUAL STATICS MAX CORRELATION LAG: +-30 MS WINDOW: 300-1500 MS 10 VELOCITY ANALYSIS 11 NMO 12 AUTOMATIC RESIDUAL STATICS MAX CORRELATION LAG: +-20 MS WINDOW: 200-1200 MS 13 COMMON OFFSET STACK 14 RESIDUAL NMO 15 MUTE 16 STACK: 1200 PERCENT 17 HAVE EQUATION MIGRATION 18 BANDPASS FILTER: 10/20 - 60/70 HZ 19 EQUALIZATION: 400-2500 MS FILM DISPLAY: 16 TRACES/IN 7.5 INCHES/SEC POLARITY (X) NORMAL () REVERSE PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS		



