

LINE NB-23
S.P. 101-794

NORTH

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: MARCH 1984 SHOT BY: SEFEL GEOPHYSICAL LTD. SOURCE TYPE: DYNAMITE SOURCE PATTERN: SINGLE HOLE CHARGE SIZE: 2 KG AT 11 M GEOPHONE TYPE: GEOSPAC-10 HZ GEOPHONE PATTERN: 9 AT 3 M INTERVALS INSTRUMENTS: MGS-10 96 TRACE FORMAT: SEGB 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 DEMULTIPLY WITH GAIN REMOVAL PROCESSING SAMPLE RATE: 2 MS 2 INSTRUMENT PHASE COMPENSATION GEOPHONE PHASE COMPENSATION: 1200 PERCENT 3 CDP TRACE GATHERS AUTOMATIC GAIN CURVE APPLICATION 4 SPIKING DECONVOLUTION OPERATOR DESIGN HINDON MIN OFFSET: 150-1650 MS MAX OFFSET: 800-2300 MS OPERATOR LENGTH: 60 MS PREWHITENING: 1 PERCENT 5 WEATHERING STATICS DATUM ELEVATION: 500 M ASL DATUM VELOCITY: 3700 M/SEC 6 WEATHERING VELOCITY: 610 M/SEC 7 AUTOMATIC RESIDUAL STATICS MAX CORRELATION LAG: +-30 MS HINDON 8 VELOCITY ANALYSIS HINDON 9 AUTOMATIC RESIDUAL STATICS MAX CORRELATION LAG: +-20 MS HINDON 10 COMMON OFFSET STACK 11 RESIDUAL NMO 12 MUTE 13 STACK: 1200 PERCENT 14 WAVE EQUATION MIGRATION: 10/20 - 60/70 HZ 15 BANDPASS FILTER 16 EQUALIZATION: 400-2500 MS HINDON 17 FILM DISPLAY: 16 TRACES/IN 7.5 INCHES/SEC POLARITY (X) NORMAL () REVERSE PROCESSING PARAMETERS SELECTED BY: EMPRESS EXPLORATION CONSULTANTS		



