

LINE NB-9
S.P. 101-473
EAST
92-9-N10-10E

MIGRATED STRUCTURAL STACK

NORTHCOR ENERGY LTD
BOVIE LAKE

SEFEL 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: NOS-10 86 TRACE FORMAT: SEG8 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 HINDON MIN OFFSET: 150-1650 MS MAX OFFSET: 800-2300 MS OPERATOR LENGTH: 60 MS PREWHITENING: 1 PERCENT 8 HEATHERING STATICS DATUM ELEVATION: 500 M ASL DATUM VELOCITY: 3700 M/SEC HEATHERING VELOCITY: 610 M/SEC 9 AUTOMATIC RESIDUAL STATICS MAX CORRELATION LAG: 4-30 MS HINDON: 300-1800 MS 10 VELOCITY ANALYSIS 11 HINDON 12 AUTOMATIC RESIDUAL STATICS MAX CORRELATION LAG: 4-20 MS HINDON: 150-750 MS 13 COMMON OFFSET STACK 14 RESIDUAL HINDON 15 MUTE 16 STACK 17 WAVE EQUATION MIGRATION: 1200 PERCENT 18 BANDPASS FILTER: 10/20 - 60/70 HZ 19 EQUALIZATION HINDON: 400-2500 MS 16 TRACES/IN: 7.5 INCHES/SEC 19 FILM DISPLAY	
POLARITY (X) NORMAL () REVERSE	
PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS	

