

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 O.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. PARTY NO. 506 DYNAMIC SINGLE HOLE 2 KG AT 13 M GEOSPAC-10 HZ 9 AT 3 M INTERVALS NOS-10 96 TRACE SEG8 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 INSTRUMENT PHASE COMPENSATION 3 GEOPHONE PHASE COMPENSATION 4 COP TRACE GATHERS 5 AUTOMATIC GAIN CURVE APPLICATION 6 SPIKING DECONVOLUTION OPERATOR DESIGN HINDOON MIN OFFSET MAX OFFSET OPERATOR LENGTH PREWHITENING 7 WEATHERING STATICS DATUM ELEVATION DATUM VELOCITY WEATHERING VELOCITY 8 AUTOMATIC RESIDUAL STATICS MAX CORRELATION LAG HINDOON 9 VELOCITY ANALYSIS 10 N/D 11 AUTOMATIC RESIDUAL STATICS MAX CORRELATION LAG HINDOON 12 COMMON OFFSET STACK 13 RESIDUAL N/D 14 MUTE 15 STACK 16 WAVE EQUATION MIGRATION 17 BANDPASS FILTER 18 EQUALIZATION 19 FILM DISPLAY	2 MS 1200 PERCENT 1 PERCENT 500 M ASL 3700 M/SEC 610 M/SEC +-30 MS 300-1700 MS +-20 MS 200-1200 MS 1200 PERCENT 10/20 - 60/70 HZ 400-2500 MS 18 TRACES/IN 7.5 INCHES/SEC
POLARITY (X) NORMAL () REVERSE	
PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS	



