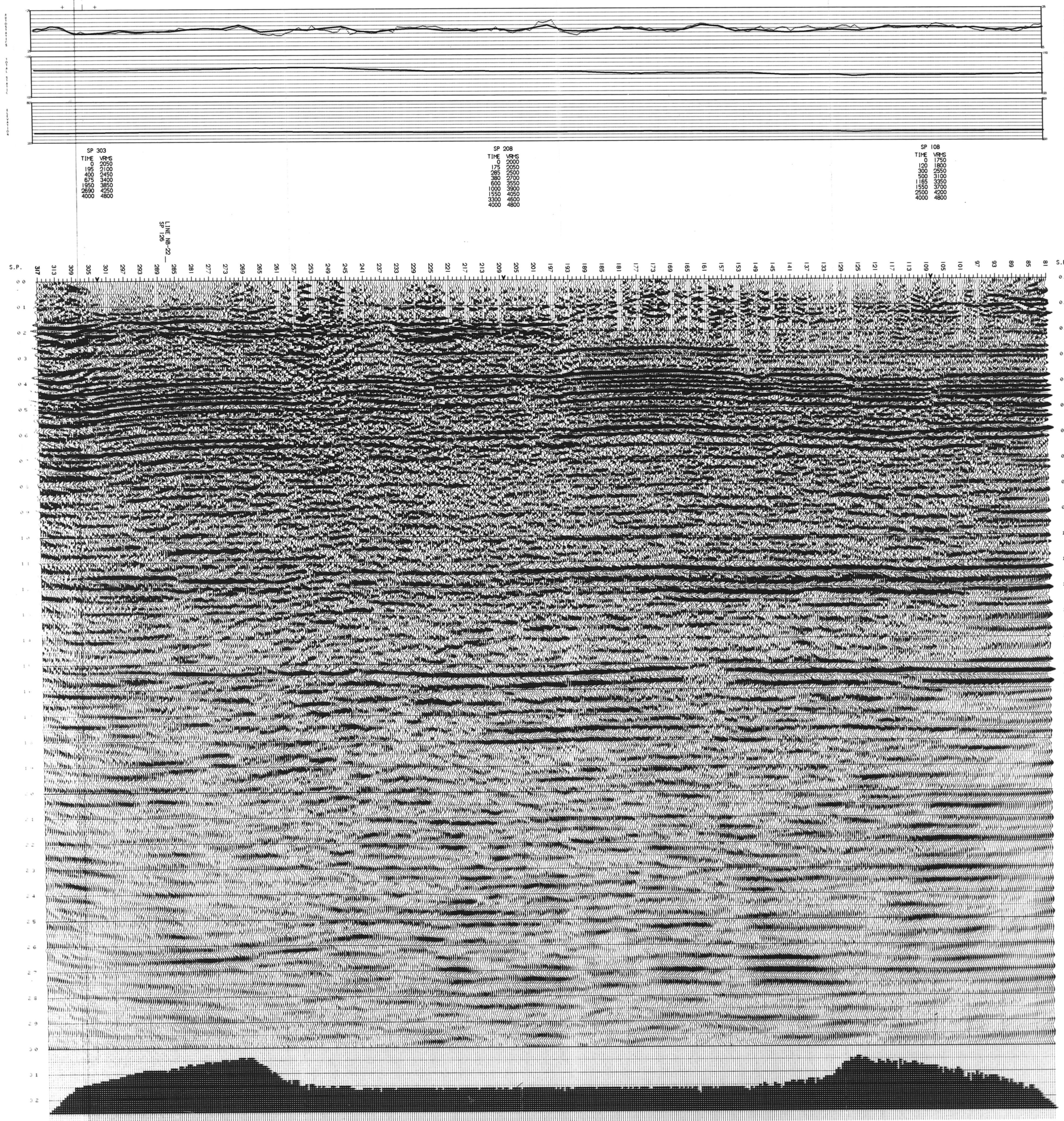




LINE NB-1
S.P. 81-317
EAST
MIGRATED STRUCTURAL STACK
NORTHCOR ENERGY LTD
BOVIE LAKE

	SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING CALGARY CANADA	DATE PROCESSED JUNE 1984 O.C. RN
	FIELD RECORDING	
DATE SHOT MARCH 1984 SHOT BY SEFEL GEOPHYSICAL LTD. SOURCE TYPE DYNAMITE SOURCE PATTERN SINGLE HOLE CHARGE SIZE 2 KG AT 11 M GEOPHONE TYPE GEOPACE-10 HZ GEOPHONE PATTERN 9 AT 3 M INTERVALS INSTRUMENTS KDS-10 96 TRACES FORMAT SEG 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 PROCESSING SAMPLE RATE 2 MS 2 INSTRUMENT PHASE COMPENSATION 3 GEOPHONE PHASE COMPENSATION 4 CDP TRACE GATHERS 5 AUTOMATIC GAIN CURVE APPLICATION 1200 PERCENT 6 SPIKING DECONVOLUTION OPERATOR DESIGN WINDOW MIN OFFSET 150-1650 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 WINDOW 300-1700 MS 9 VELOCITY ANALYSIS 10 NMO 11 AUTOMATIC RESIDUAL STATICS MAX CORRELATION LAG WINDOW 300-800 MS 12 COMMON OFFSET STACK 13 RESIDUAL NMO 14 MUTE 15 STACK 1200 PERCENT 16 WAVE EQUATION MIGRATION 17 BANDPASS FILTER 10/20 - 60/70 HZ 18 EQUALIZATION 400-2500 MS WINDOW 16 TRACES/IN 19 FILM DISPLAY 7.5 INCHES/SEC POLARITY (X) NORMAL () REVERSE PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS		