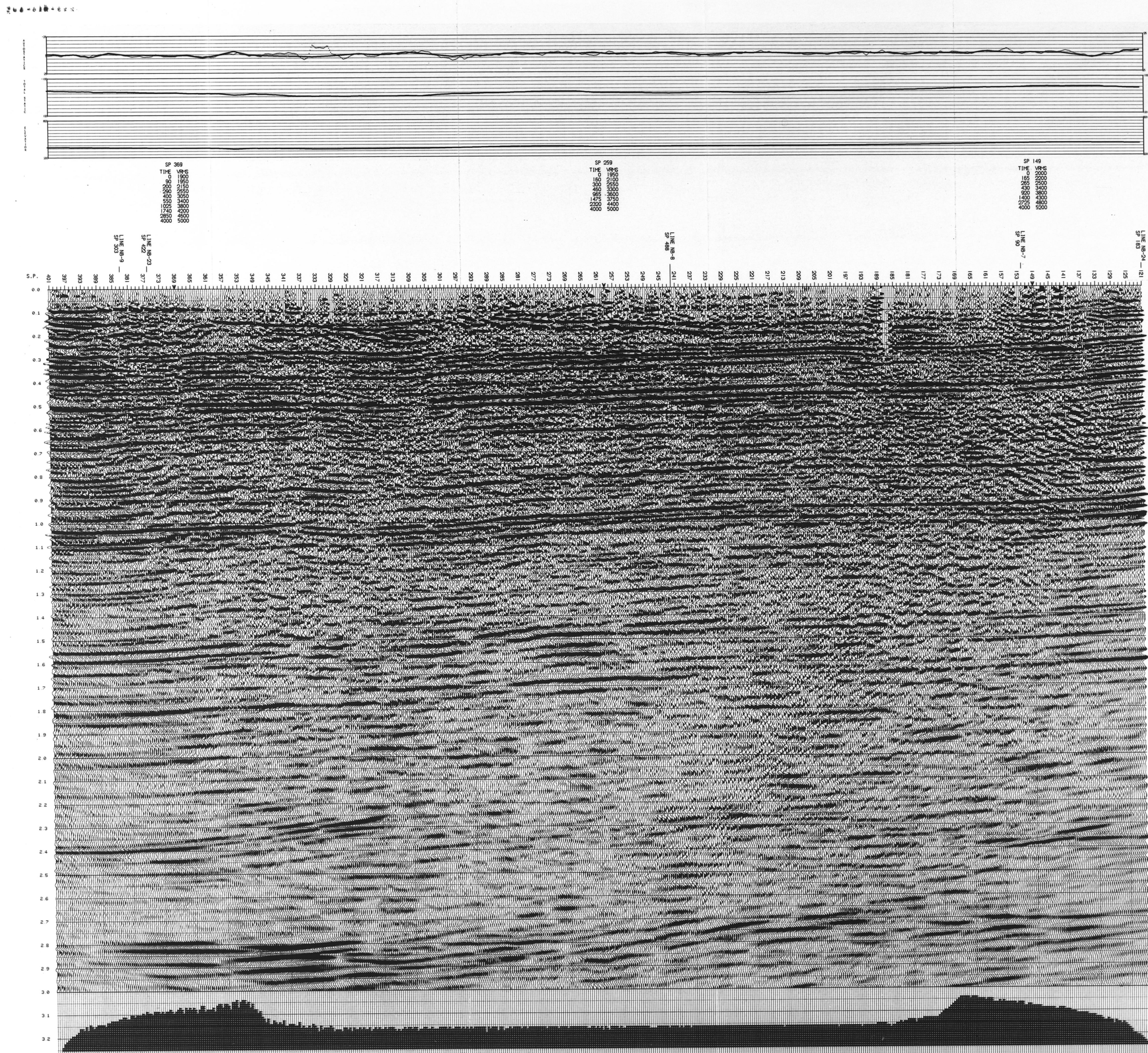




LINE NB-16
S.P. 401-121
N.E.

MIGRATED STRUCTURAL STACK

NORTHCOR ENERGY LTD
BOVIE LAKE

	SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING CALGARY, CANADA	DATE PROCESSED JUNE 1984 G.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: GEOSPACE-10 HZ GEOPHONE PATTERN: 9 AT 3 M INTERVALS INSTRUMENTS: VOS-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 DEMULTIPLEX WITH GAIN REMOVAL PROCESSING SAMPLE RATE: 2 MS 2 INSTRUMENT PHASE COMPENSATION 3 GEOPHONE PHASE COMPENSATION 4 COP TRACE GATHERS 5 AUTOMATIC GAIN CURVE APPLICATION 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: +-30 MS WINDOW: 300-1700 MS 9 VELOCITY ANALYSIS 10 NMO 11 AUTOMATIC RESIDUAL STATICS MAX CORRELATION LAG: +-20 MS WINDOW: 180-1150 MS 12 COMMON OFFSET STACK 13 RESIDUAL NMO 14 MUTE 15 STACK: 1200 PERCENT 16 WAVE EQUATION MIGRATION: 10/20 - 60/70 HZ 17 BANDPASS FILTER 18 EQUALIZATION: 400-2500 MS 19 FILM DISPLAY: 16 TRACES/IN 7.5 INCHES/SEC		
POLARITY (X) NORMAL () REVERSE		
PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS		