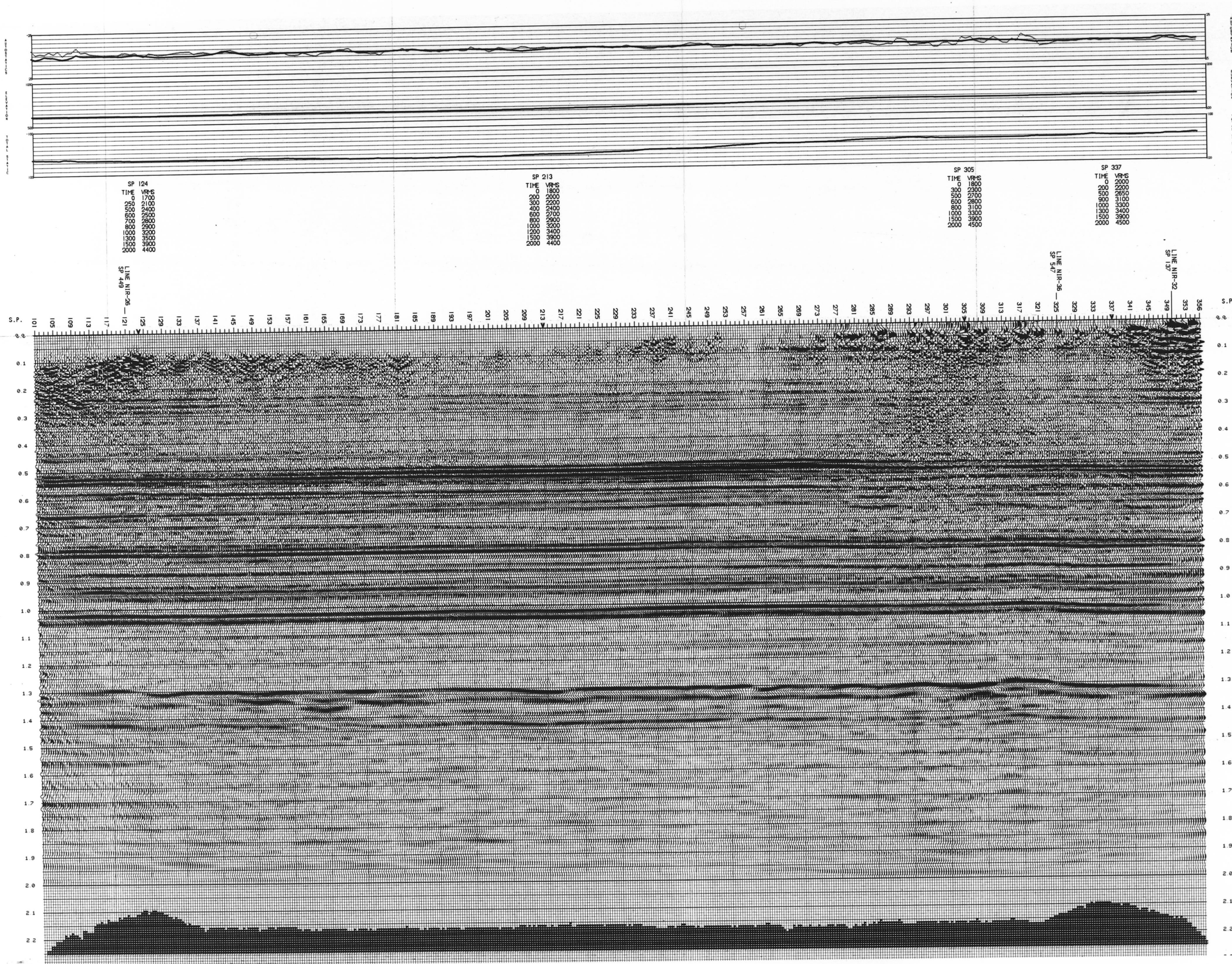




LINE NIR-15
S.P. 101-357
S.E. 9229-110-9E

MIGRATED STRUCTURAL STACK

NORTHCOR ENERGY LTD

ISLAND RIVER

	SEFEL GEOPHYSICAL SEISMIC DATA PROCESSING CALGARY CANADA	DATE PROCESSED JAN - FEB, 1984 O.C. TCS
	FIELD RECORDING	
DATE SHOT JAN - FEB, 1984 SHOT BY SEFEL GEOPHYSICAL LTD. PARTY NO. 501 SOURCE TYPE DYNAMITE SOURCE PATTERN SINGLE HOLE CHARGE SIZE 2 KG AT 12 M GEOPHONE TYPE MARK-10 HZ GEOPHONE PATTERN 9 AT 3 M INTERVALS INSTRUMENTS NOS-10 96 TRACES FORMAT SEGB RECORDING FILTER 12/18 - 125/72 HZ RECORD LENGTH 3 SEC SAMPLE INTERVAL 2 MS GROUP INTERVAL 25 M SHOT POINT INTERVAL 100 M SPREAD GEOMETRY 1200-25-X-25-1200		
DIGITAL PROCESSING		
1 DEMULTIPLEX WITH GAIN REMOVAL 2 MS PROCESSING SAMPLE RATE 2 INSTRUMENT PHASE COMPENSATION 3 GEOPHONE PHASE COMPENSATION 4 CDP TRACE GATHERS 1200 PERCENT 5 AUTOMATIC GAIN CURVE APPLICATION 6 SPIKING DECONVOLUTION OPERATOR DESIGN WINDOW MIN OFFSET 300-1300 MS MAX OFFSET 800-1800 MS OPERATOR LENGTH 60 MS PREEMPHASIS 1 PERCENT 7 WEATHERING STATICS 700 M ASL DATUM ELEVATION 2750 M/SEC DATUM VELOCITY 610 M/SEC 8 VELOCITY ANALYSIS 9 NMO 10 AUTOMATIC RESIDUAL STATICS MAX CORRELATION LAG +-30 MS WINDOW 400-1100 MS 11 COMMON OFFSET STACK 12 RESIDUAL NMO 13 MUTE 14 STACK 1200 PERCENT 15 WAVE EQUATION MIGRATION 8/16 - 100/120 HZ 16 BANDPASS FILTER 17 EQUALIZATION 400-1400 MS WINDOW 16 TRACES/IN 18 FILM DISPLAY 7.5 INCHES/SEC		
NORMAL POLARITY (POSITIVE VALUE PEAK)		
PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS		