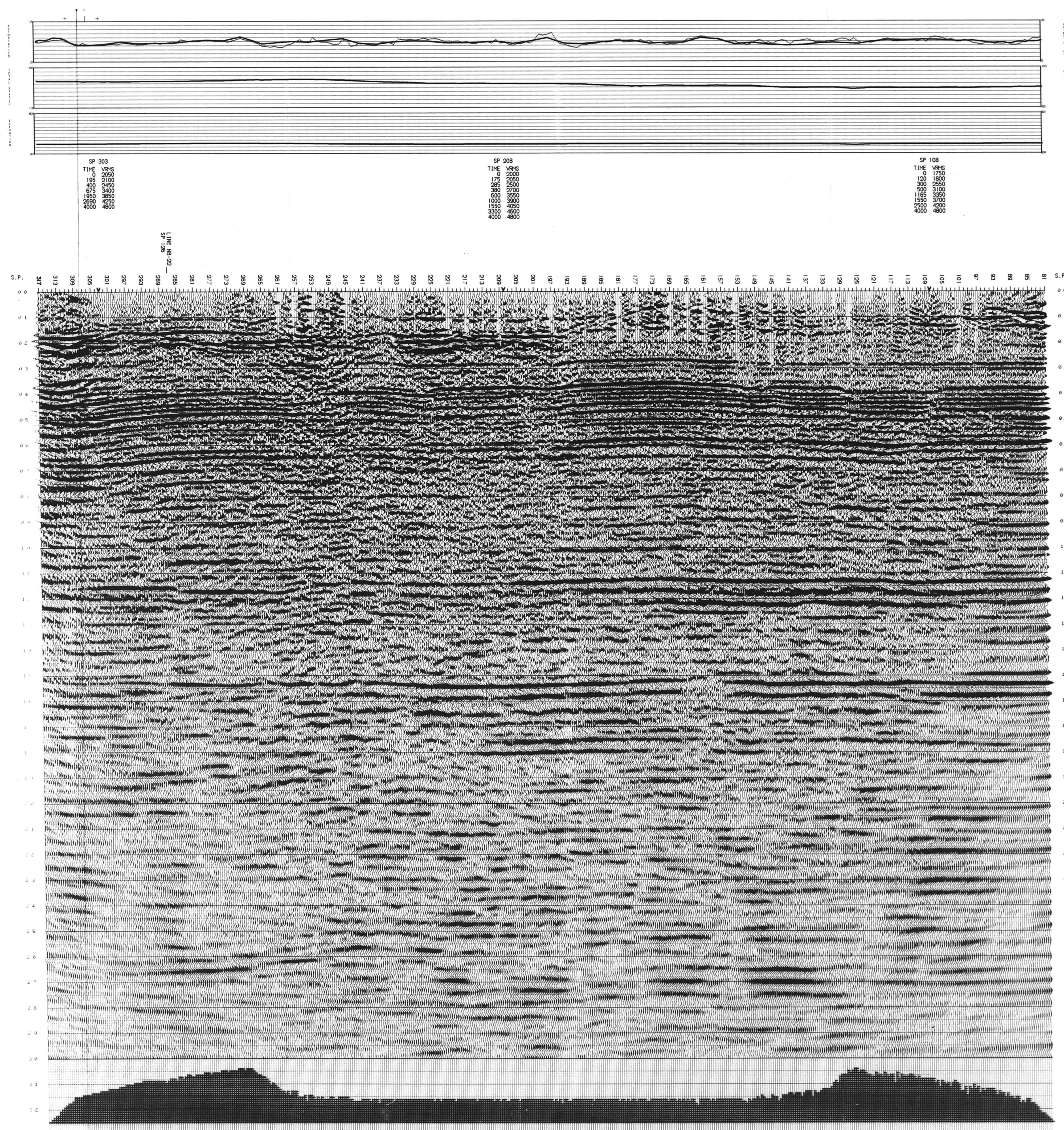




LINE NB-1
S.P. 81-317

EAST

9229 - N19 - 10E

MIGRATED STRUCTURAL STACK

NORTHCOR ENERGY LTD

BOVIE LAKE



SEFEL GEOPHYSICAL
SEISMIC DATA PROCESSING
CALGARY CANADA

DATE PROCESSED
JUNE 1984
Q.C. RN

FIELD RECORDING

DATE SHOT	MARCH 1984
SOURCE TYPE	SEFEL GEOPHYSICAL LTD.
SOURCE PATTERN	PARTY NO. 506
CHARGE SIZE	DYNAMITE
GEOPHONE TYPE	SINGLE HOLE
GEOPHONE PATTERN	2 KG AT 11 M
INSTRUMENTS	GEOSPAC-10 HZ
FORMA	9 1/2 M INTERVALS
RECORDING FILTER	MOD-10 96 TRACES
RECORD LENGTH	SEGS
SAMPLE INTERVAL	12 / 18 - 125/72 HZ
GROUP INTERVAL	4 SEC
SHOT POINT INTERVAL	2 MS
SREAD GEOMETRY	20 M
	100 M
	1200-25-X-25-1200 M

DIGITAL PROCESSING

1 DEMULTIPLEX WITH GAIN REMOVAL	
PROCESSING SAMPLE RATE	2 MS
2 GEOPHONIC PHASE COMPENSATION	
3 GEOPHONIC PHASE COMPENSATION	
4 GEOPHONIC GAIN CORRECTION	1200 PERCENT
5 AUTOMATIC GAIN CURVE APPLICATION	
6 SPLITTING DECONVOLUTION	
7 CORRELATION DESIGN WINDOW	
MIN OFFSET	150-1850 MS
MAX OFFSET	800-2500 MS
OPERATOR LENGTH	80 MS
8 ATTENUATING	1 PERCENT
9 HEATHERING STATICS	
MIN ELEVATION	500 H MASL
DATUM VELOCITY	3700 M/SEC
10 CORRELATION VELOCITY	6100 M/SEC
8 AUTOMATIC RESIDUAL STATICS	
9 CORRELATION LAG	+30 MS
10 WINDOW	300-1700 MS
9 VELOCITY ANALYSIS	
10 NKS	
11 AUTOMATIC RESIDUAL STATICS	
9 CORRELATION LAG	+20 MS
10 WINDOW	300-800 MS
12 CORRELATION OFFSET STACK	
13 RESIDUAL NKS	
14 MUTE	
15 STACK	
16 EQUATION MIGRATION	1200 PERCENT
17 BANDPASS FILTER	
18 ATTENUATION	10/20 - 60/70 HZ
19 WINDOW	400-2500 MS
20 FILM DISPLAY	18. TRACES/IN 7.5 INCHES/SEC

POLARITY (X) NORMAL () REVERSE

PROCESSING PARAMETERS SELECTED BY EMPRESS EXPLORATION CONSULTANTS	
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