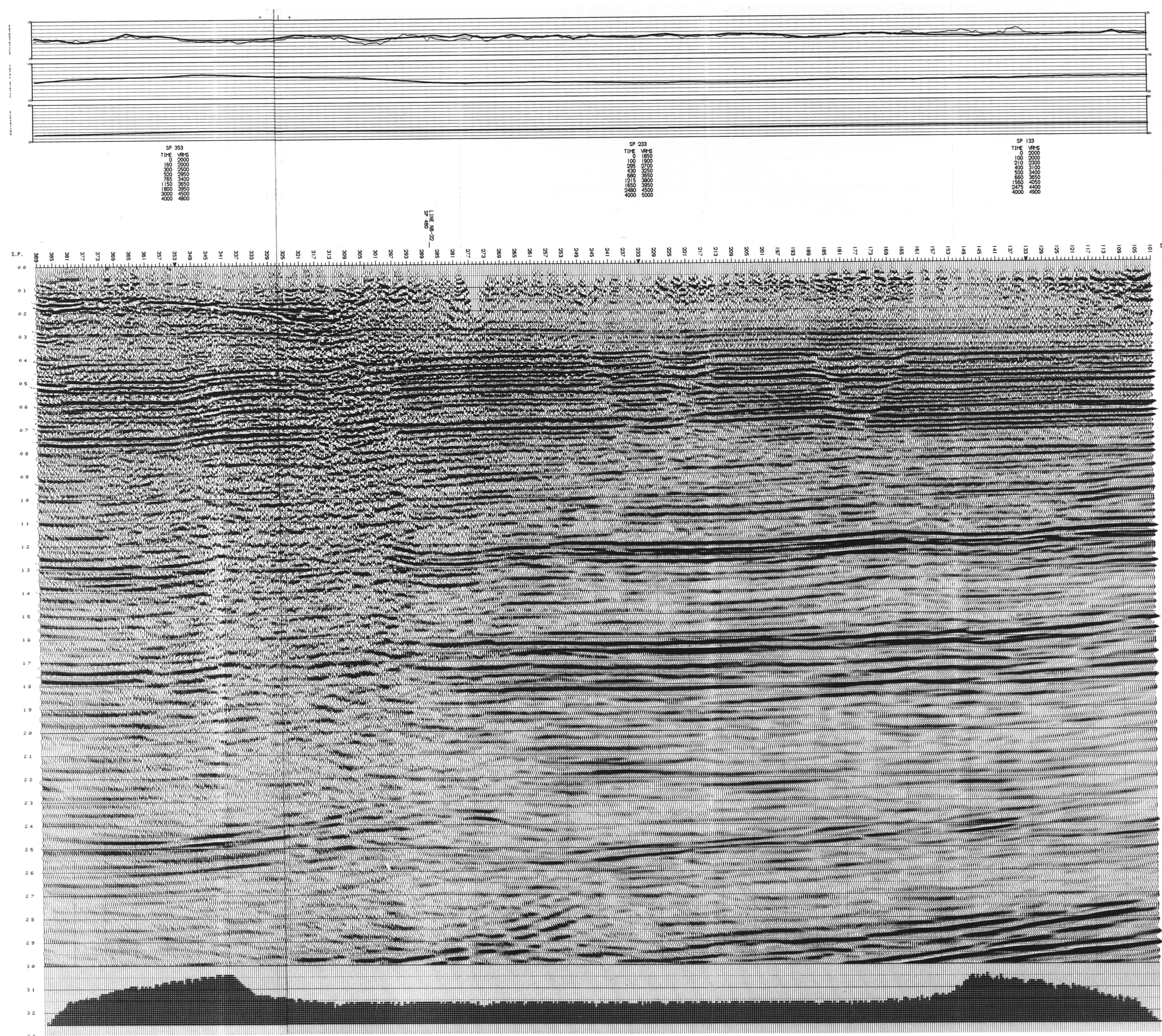




LINE NB-3
S.P. 101-389
EAST
0225-N10-10E

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.
PARTY NO 508

SOURCE TYPE
DYNAMITE

SOURCE PATTERN
SINGLE HOLE

CHARGE SIZE
2 KG AT 11 M

GEOPHONE TYPE
GEOSPAC-10 HZ

GEOPHONE PATTERN
9 AT 3 M INTERVALS

INSTRUMENTS
MDS-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 CDP TRACE GATHERS
1200 PERCENT

5 AUTOMATIC GAIN CURVE APPLICATION

6 SPKING DECONVOLUTION
OPERATOR DESIGN WINDOW
MIN OFFSET
MAX OFFSET
OPERATOR LENGTH
PREWHITENING
7 WEATHERING STATICS
DUTUM ELEVATION
DUTUM VELOCITY
WEATHERING VELOCITY
8 AUTOMATIC RESIDUAL STATICS
MAX CORRELATION LAG
MINIMUM
9 VELOCITY ANALYSIS
10 NWD
11 AUTOMATIC RESIDUAL STATICS
MAX CORRELATION LAG
MINIMUM
12 COMMON OFFSET STACK
13 RESIDUAL NWD
14 MUTE
15 STACK
16 HIVE EQUATION MIGRATION
17 BANDPASS FILTER
18 EQUALIZATION
19 FILM DISPLAY

150-1650 MS
800-2300 MS
60 MS
1 PERCENT
500 M ASL
3700 M/SEC
610 M/SEC
+30 MS
300-1700 MS
+20 MS
350-850 MS
1200 PERCENT
10/20 - 60/70 HZ
400-2500 MS
16 TRACES/IN
7.5 INCHES/SEC

POLARITY (X) NORMAL () REVERSE

PROCESSING PARAMETERS SELECTED BY
EMPRESS EXPLORATION CONSULTANTS

LINE NO. N B - 3

PART NO. 1 OF 1

R.R. 10X

PROJ. NO. 9 2 2 9 - N 1 0 - 1 0 E

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