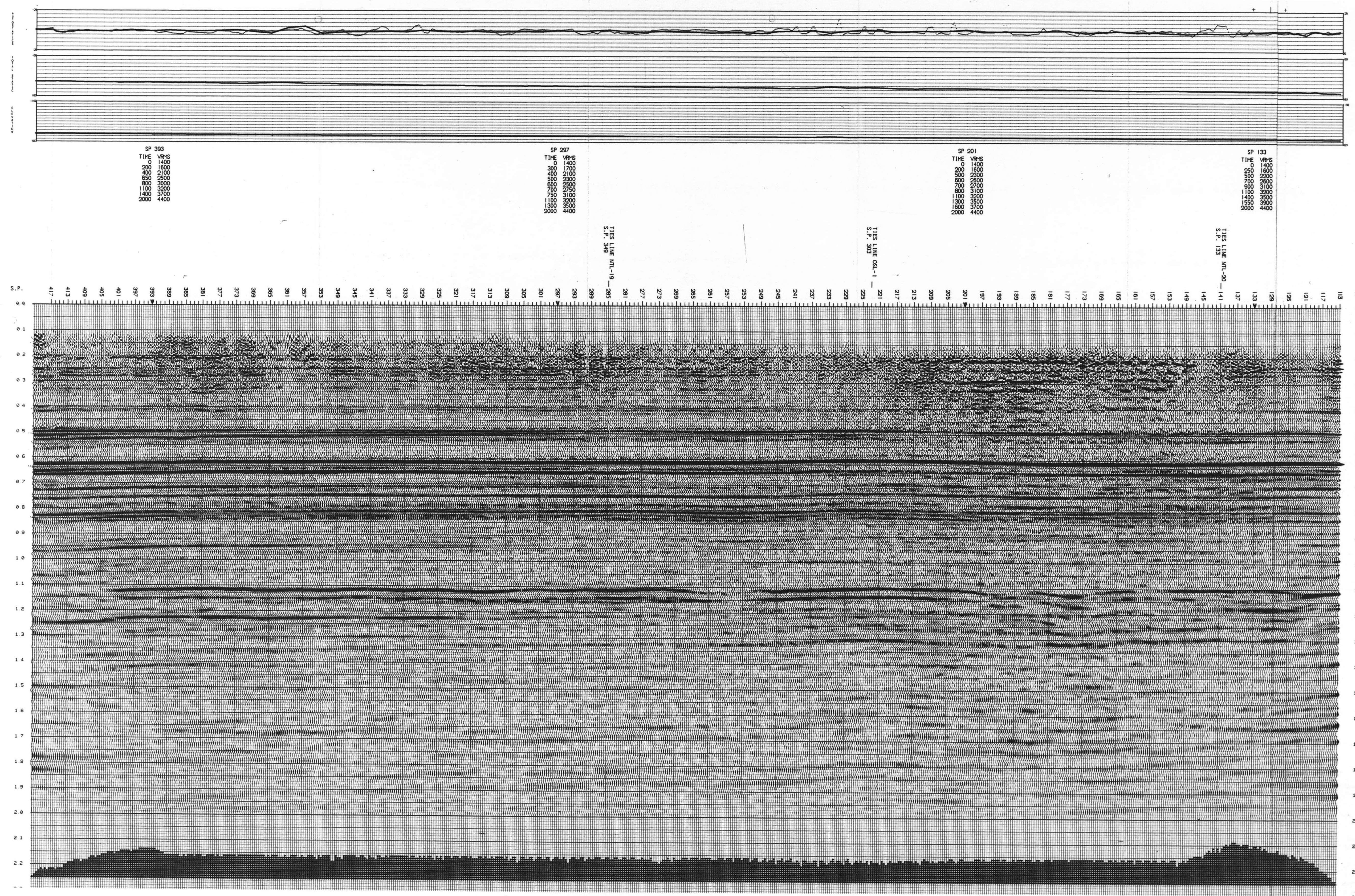




0229-N10-8E

LINE NTL-26
S.P. 113-417
SE

MIGRATED STRUCTURAL STACK

NORTHCOR ENERGY LTD
TRAINOR LAKE

SEFEL
SEFEL GEOPHYSICAL
SEISMIC DATA PROCESSING
CALGARY, CANADA

DATE PROCESSED
FEB.-APRIL 1984
O.C. TCS

FIELD RECORDING
DATE SHOT
SHOT BY
SOURCE TYPE
CHARGE SIZE
GEOPHONE TYPE
GEOPHONE PATTERN
INSTRUMENTS
FORMAT
RECORDING FILTER
RECORD LENGTH
SAMPLE INTERVAL
GROUP INTERVAL
SHOT POINT INTERVAL
SPREAD GEOMETRY

JAN-MARCH 1984
SEFEL GEOPHYSICAL LTD.
PARTY NO. 501
DYNAMITE
2 KG AT 12 M
MARK-10 HZ
9 AT 3 M INTERVALS
MDS-10 96 TRACES
SEG8
12/18 - 125/72 HZ
3 SEC
2 MS
25 M
100 M
1200-25-X-25-1200

DIGITAL PROCESSING
1 DEMULTIPLEX WITH GAIN REMOVAL
PROCESSING SAMPLE RATE
2 INSTRUMENT PHASE COMPENSATION
3 GEOPHONE PHASE COMPENSATION
4 CDP TRACE GATHERS
5 AUTOMATIC GAIN CURVE APPLICATION
6 SPiking DECONVOLUTION
OPERATOR DESIGN HINDON
MIN OFFSET
MAX OFFSET
OPERATOR LENGTH
PREWHITENING
7 WEATHERING STATICS
DATUM ELEVATION
DATUM VELOCITY
WEATHERING VELOCITY
8 VELOCITY ANALYSIS
9 NMO
10 AUTOMATIC RESIDUAL STATICS
MAX CORRELATION LAG
HINDON
11 COMMON OFFSET STACK
HINDON
12 RESIDUAL NMO
13 MUTE
14 STACK
15 WAVE EQUATION MIGRATION
16 BANDPASS FILTER
17 EQUALIZATION
18 FILM DISPLAY

2 MS
1200 PERCENT
300-1300 MS
800-1800 MS
60 MS
1 PERCENT
700 M ASL
2750 M/SEC
610 M/SEC
400-1400 MS
16 TRACES/IN
7.5 INCHES/SEC
NORMAL POLARITY (POSITIVE VALUE PEAK)

PROCESSING PARAMETERS SELECTED BY
EMPRESS EXPLORATION CONSULTANTS