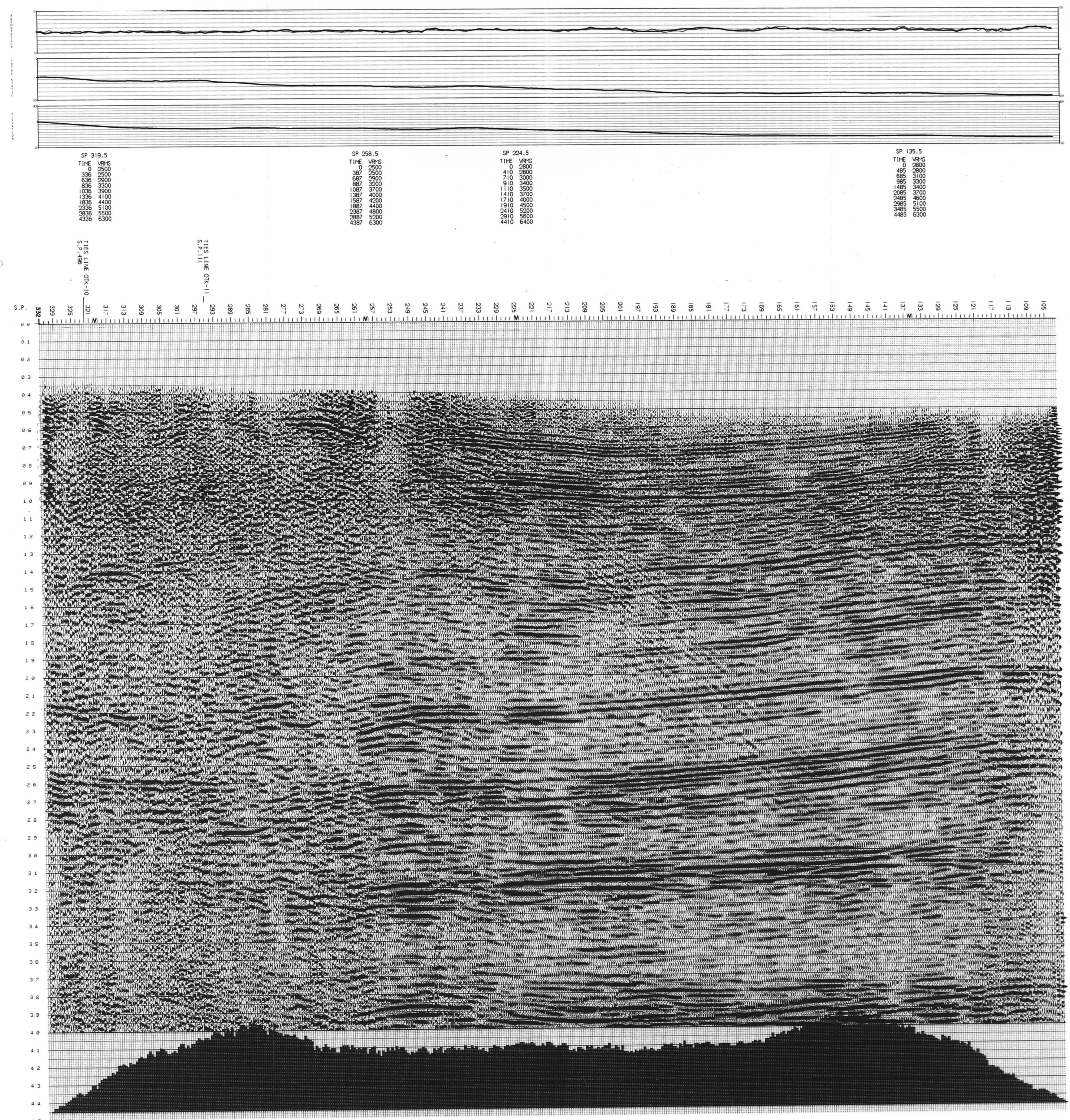




LINE 0TK-007
S.P. 103-332
EAST
9210-10-1E
STRUCTURAL STACK
NORTHCOR ENERGY LTD.
SAWMILL

SEFEL SEFEL GEOPHYSICAL
SEISMIC DATA PROCESSING
CALGARY CANADA

DATE PROCESSED JULY, 1984
O.C. TCS

FIELD RECORDING
DATE SHOT MARCH, 1984
SHOT BY SEFEL GEOPHYSICAL LTD
SOURCE TYPE DYNAMITE
SOURCE PATTERN SINGLE HOLE
CHARGE SIZE 10 KG AT 18 M
GEOPHONE TYPE MARC-LISA 10 HZ
GEOPHONE PATTERN 18 AT 3M INT.
INSTRUMENTS VOS 10
FORMAT SEGB
DATA CHANNELS 96
RECORDING FILTER 12/18-172/72
RECORD LENGTH 6 SEC
SAMPLE INTERVAL 2 MS
GROUP INTERVAL 40 M
SHOT POINT INTERVAL 40 M
SPREAD GEOMETRY 1920-40-X-40-1920

DIGITAL PROCESSING
1 DEMULTIPLEX WITH GAIN REMOVAL
PROCESSING SAMPLE RATE 2 MS
2 CDP TRACE GATHERS 4800 PERCENT
3 INSTRUMENT PHASE COMPENSATION
4 GEOPHONE PHASE COMPENSATION
5 AUTOMATIC GAIN CURVE APPLICATION
6 SPIKING DECONVOLUTION
OPERATOR DESIGN HINDON
MIN OFFSET 350-1350 MS
MAX OFFSET 700-1700 MS
OPERATOR LENGTH 80 MS
PREWHITENING 1 PERCENT
7 WEATHERING STATICS
DATUM ELEVATION VARIABLE DATUM
DATUM VELOCITY 3700 M/SEC.
WEATHERING VELOCITY 610 M/SEC.
8 VELOCITY ANALYSIS
9 NMO
10 AUTOMATIC RESIDUAL STATICS
MAX CORRELATION LAG +-40 MS.
HINDON 500-2500 MS.
11 COMMON OFFSET STACK
12 RESIDUAL NMO
13 MUTE
14 STACK 4800 PERCENT
15 TIME VARIANT FILTER
0-1000 MS 14/22-65/75 HZ
1000-4000 MS 11/19-40/56 HZ
16 EQUALIZATION
HINDON 500-2500 MS.
17 VARIABLE TO FIXED DATUM CORRECTION
FIXED DATUM 1200 M/ASL
18 FILM DISPLAY 15 12/IN
5 IN/SEC
POLARITY (X) NORMAL () REVERSE

PROCESSING PARAMETERS SELECTED BY
EMPRESS EXPLORATION CONSULTANTS