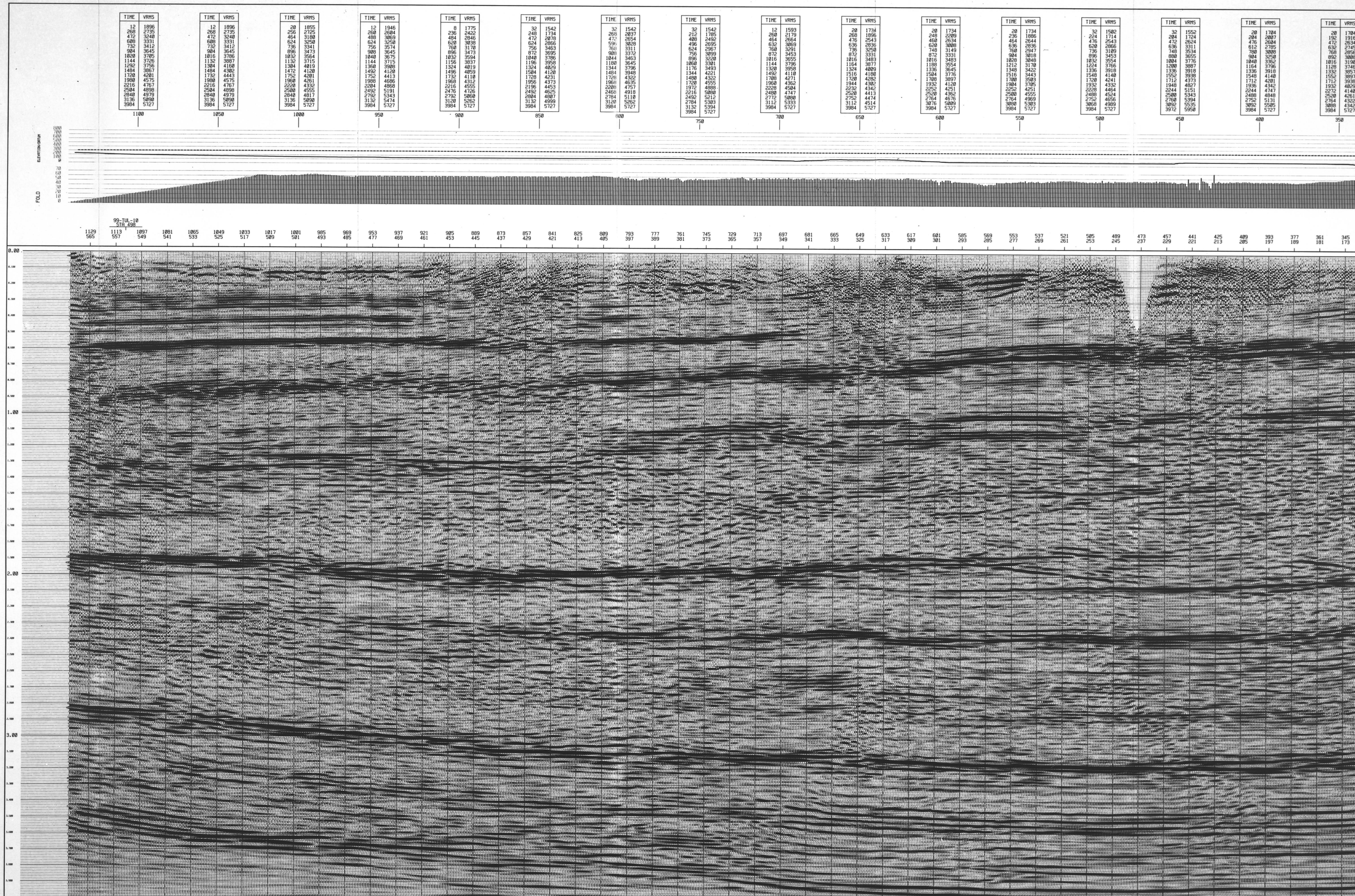
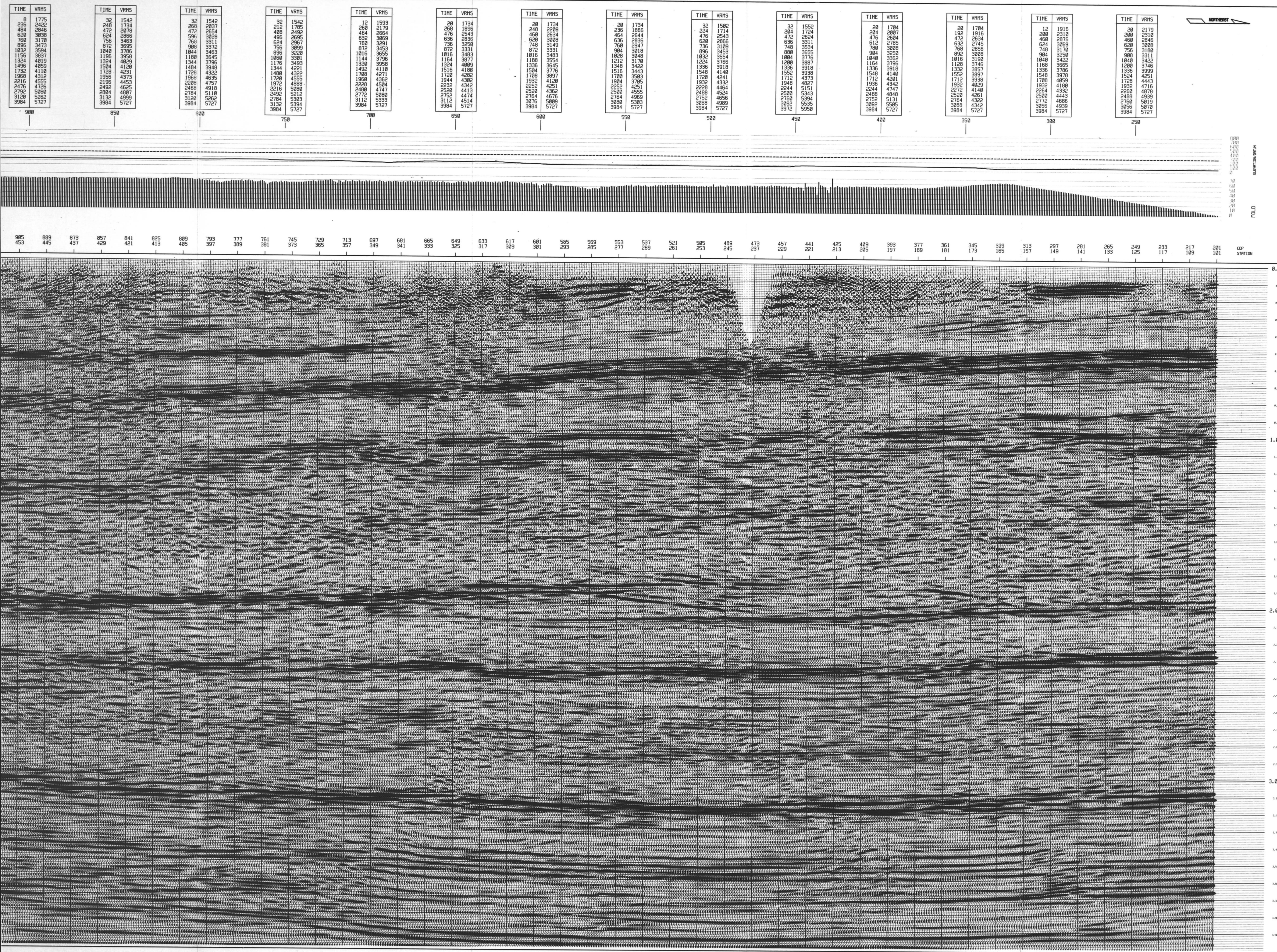






NE -- SW

120 753

A.E.C. WEST LTD

26508

LINE: 00-TUL-11

AREA: KEELE 2000

9229-A61-3E

LOCATION: N.W.T.

6075% MIGRATION STACK

NORMAL POLARITY

SHOT POINTS: 101 - 571 (NE - SW)

RECORDING PARAMETERS

DATE SHOT: MARCH 2000

SHOT BY: TRACE EXPLORATION

SHOT FOR: A.E.C. WEST LTD

SHOOTING DIRECTION: NE - SW

SOURCE: VIBROSEIS

RECEIVERS: 3 X 5 SWEETS

ENERGY SOURCE: 3 X 5 SWEETS

GEOPHONE TYPE: L-210

FIELD ARRAY: SINGLE

PHONES/GROUP: 10 HZ

SOURCE FREQUENCY: 10 - 30 HZ

GROUP INTERVAL: 50 M

FIELD FILTER: 3 HZ LOW CUT

SHOT POINT SPACING: 50 M

NO. OF TRACES: 243

INSTRUMENT TYPE: 1/0 SYSTEM TWO

RECORD LENGTH: 4 SEC.

FIELD TYPE NUMBERS: 1-EE SEG-D

SAMPLE INTERVAL: 2 MS.

STANDARD SPREAD CONFIGURATION

TRACE DISTANCE: 121 X 123

3025

25

25

3025 M

PROCESSING SEQUENCE

DATE PROCESSED: MARCH, 2000

1) REFORMAT FROM 1-EE SEG-D

2) GAIN CORRECTION - TYPE: EXPONENTIAL

3) SURFACE CONSISTENT DECONVOLUTION & SCALING

OPERATOR LENGTH: 100 MS

PRESHWHITENING: 0.1 2

DESIGN GATE: 0.600 - 3.500 SEC. AT 25 M

1.600 - 3.700 SEC. AT 3025 M

4) ZERO PHASE FREQUENCY DECONVOLUTION

5) TRACE BALANCE

6) ELEVATION & DRIFT CORRECTIONS

REPLACEMENT VELOCITY: 3047 M./SEC.

DATUM ELEVATION: 305 M. A.S.L.

7) VELOCITY ANALYSIS

COHERENCY SPECTRA

8) AUTOMATIC RESIDUAL STATICS

WINDOW: 0.300 - 4.000 SEC.

MAXIMUM STATIC: +/- 30 MSEC.

ITERATIONS: 4

9) REPEAT STEPS 7 & 8

10) NMO

11) MUTE:

OFFSET: 325 M.

MUTE TIME: 0.000 SEC.

400 M. 0.195 SEC.

775 M. 0.305 SEC.

3025 M. 1.650 SEC

10 - 115 HZ

12) SPECTRAL WHITENING:

13) TRIM STATICS

WINDOW: 0.300 - 3.000 SEC.

MAXIMUM STATIC: +/- 12 MSEC.

14) STACK

6075 %

15) FILTER

12/16 - 75/85 HZ

16) AGC SCALING

WINDOW = 500 MS

17) F-X DECONVOLUTION: ROODERK = 500

18) FINITE DIFFERENCE MIGRATION: 90% STACKING VELOCITIES

*****NOTE 1) THE FIRST BREAKS WERE TOO NOISY AND INCONSISTENT TO ACCURATELY PICK. CONSEQUENTLY, ONLY ELEVATION AND DATUM STATIC CORRECTIONS WERE USED, LEAVING LONG WAVELENGTH WX STATICS IN THE DATA.

DISPLAY PARAMETERS

HORIZONTAL SCALE: 20 TRACES/INCH

VERTICAL SCALE: 5 IN/SEC

EI PROCESSING INC.