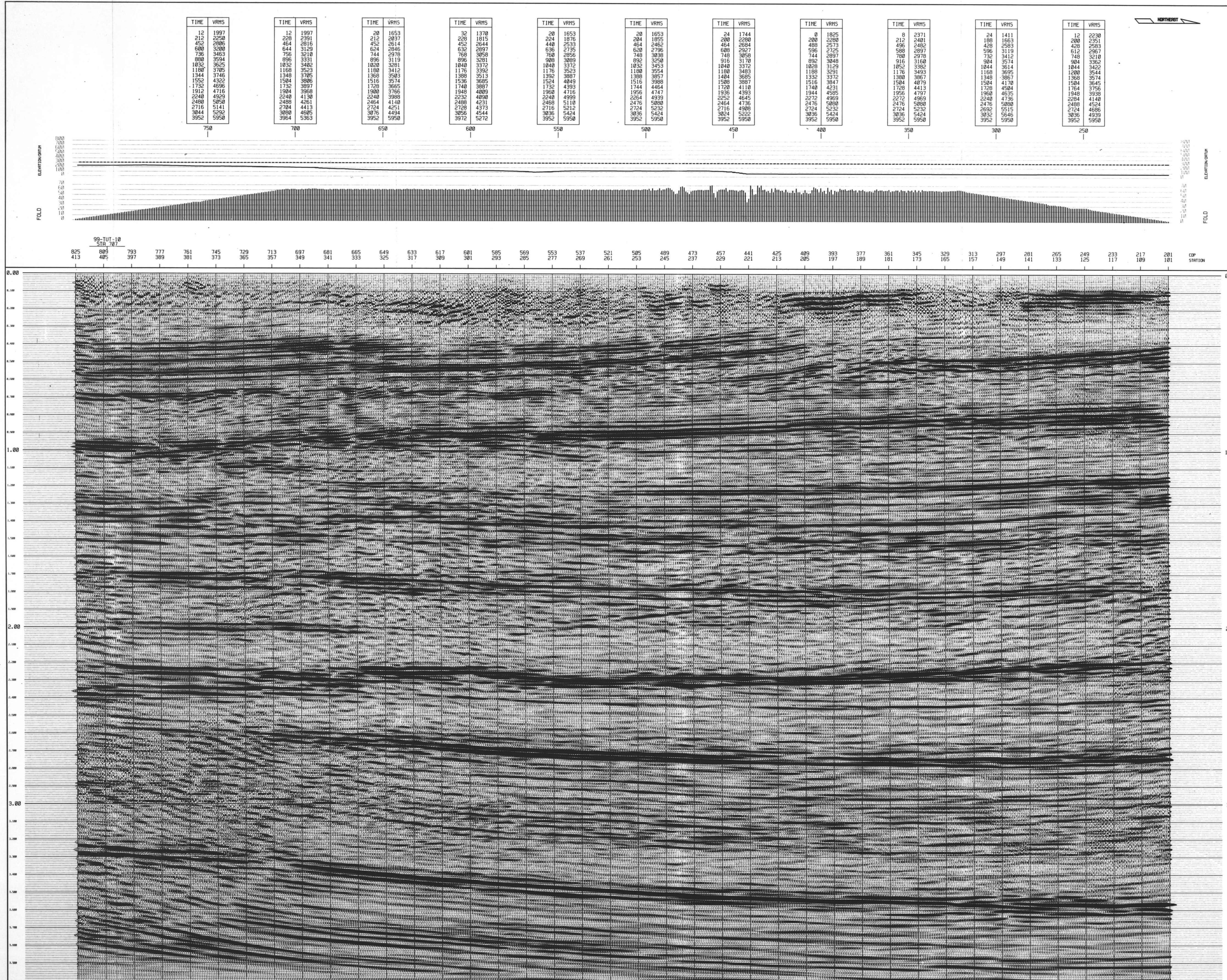




NE -- SW

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A.E.C. WEST LTD

38596

LINE: 00-TUL-09

AREA: KEELE 2000

9229-A61-3E

LOCATION: N.W.T.

6075% MIGRATION STACK

NORMAL POLARITY

SHOT POINTS: 101 - 413 (NE - SW)

RECORDING PARAMETERS

DATE SHOT: MARCH 2000

SHOT BY: TRACE EXPLORATION

SHOT FOR: A.E.C. WEST LTD

SHOOTING DIRECTION: NE - SW

SOURCE

ENERGY SOURCE: VIBROSEIS

VIB. ARRAY: 3 X 6 SHEEPS

SOURCE GROUP: 10 HZ

SWEEP FREQUENCY: 10 - 50 HZ

SHOT POINT SPACING: 25 M

NOTCH FILTER: 3 HZ LOW CUT

NO. OF TRACES: 243

RECEIVERS

GEOPHONE TYPE: L-210

PRO: 10 HZ

PHONES/GROUP: 5 OVER 1 M

GROUP INTERVAL: 25 M

NO. OF TRACES: 243

INSTRUMENTS

INSTRUMENT TYPE: 1/0 SYSTEM TWO

FIELD FORM: 1-EEE SEG-D

FIELD TYPE NUMBER: 1

RECORD LENGTH: 4 SEC.

SAMPLE INTERVAL: 2 MS.

STANDARD SPREAD CONFIGURATION

TRACE DISTANCE: 121 X 123

25 - 25 - 243

PROCESSING SEQUENCE

DATE PROCESSED: MARCH, 2000

1) REFORMAT FROM 1-EEE SEG-D

2) GAIN CORRECTION - TYPE: EXPONENTIAL

3) SURFACE CONSISTENT DECONVOLUTION & SCALING

OPERATOR LENGTH: 100 MS

PREWHITENING: 0.1 %

DESIGN GATE: 0.200 - 3.500 SEC. AT 25 M

1.500 - 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

TYPE: COHERENCY SPECTRA

8) AUTOMATIC RESIDUAL STATISTICS

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.

325 M. 0.165 SEC.

400 M. 0.305 SEC.

775 M. 1.650 SEC.

3025 M. 10 - 115 HZ

12) SPECTRAL WHITENING

13) TRIM STATICS

WINDOW: 0.300 - 3.000 SEC.

MAXIMUM STATIC: +/- 12 MSEC.

6075 %

14) STACK

15) FILTER

12/16 - 75/85 HZ

16) AGC SCALING

WINDOW: 500 MS

17) F-X DECONVOLUTION: ADDBACK = 50%

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 W-X STATICS IN THE DATA.

DISPLAY PARAMETERS

HORIZONTAL SCALE: 20 TRACES/INCH

VERTICAL SCALE: 5 IN/SEC

EI PROCESSING INC.