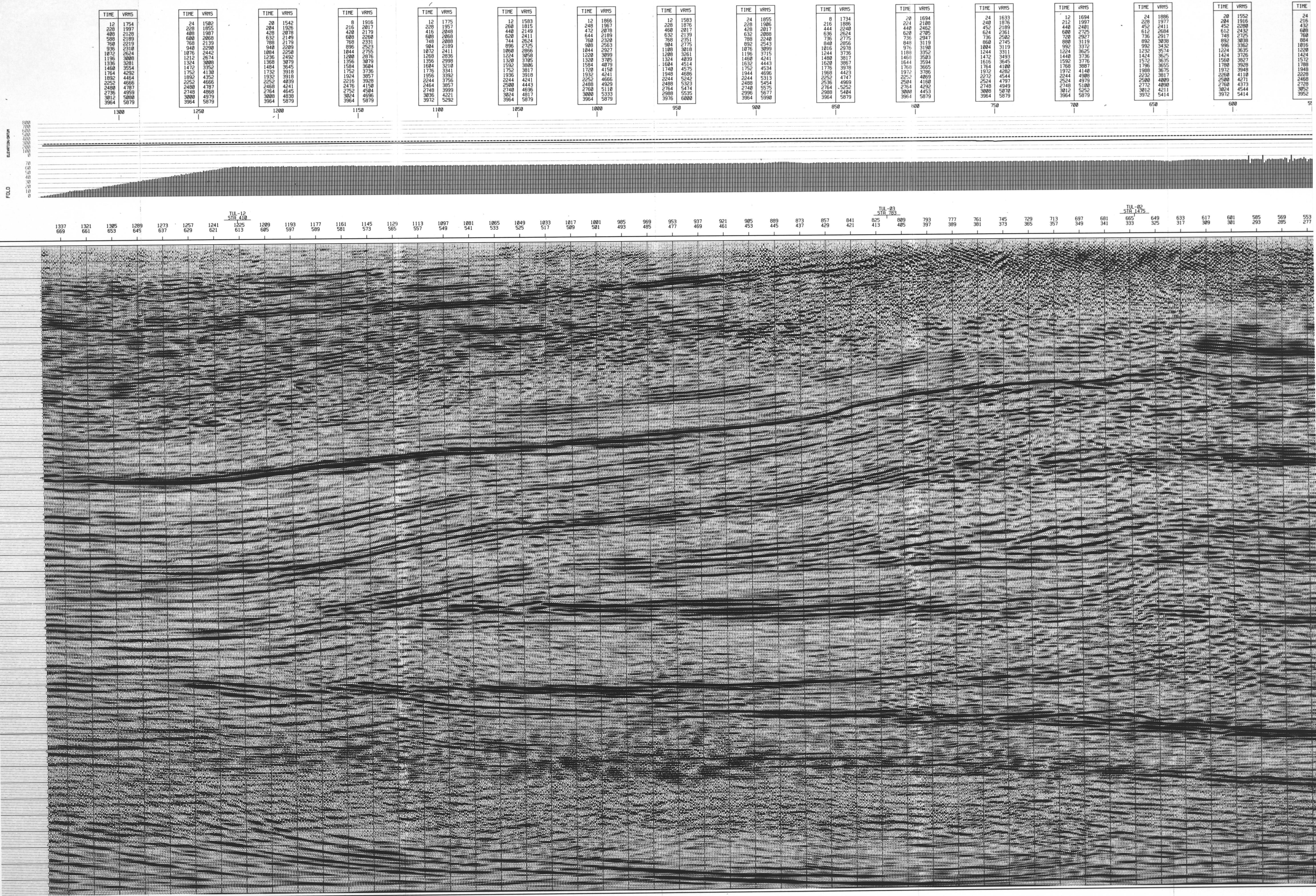




NE -- SW

100 753

A.E.C. WEST LTD

LINE: 00-TUL-07

AREA: KEELE 2000

9229-A61-3E

LOCATION: N.W.T.

6075% MIGRATION STACK

NORMAL POLARITY

SHOT POINTS: 101 - 675 (NE - SW)

RECORDING PARAMETERS

DATE SHOT : MARCH 2000
SHOT NO : 100
SHOT FOR : A.E.C. WEST LTD
SHOOTING DIRECTION : N - S

SOURCE
ENERGY SOURCE : VIBROSEIS
VIBE ARRAY : 3 X 6 SHEETS
SOURCE ARRAY : SINGLE
PULSE FREQUENCY : 10 - 30 HZ
FIELD FILTER : 3 HZ LOW CUT
NOTCH FILTER : NO. OF TRACES

RECEIVERS
GEOPHONE TYPE : L-210
PHONES/GROUP : 10 HZ
GROUP INTERVAL : 5 OVER 1 M
SHOT POINT SPACING : 50 M
NO. OF TRACES

INSTRUMENTS
INSTRUMENT TYPE : I/O SYSTEM TWO
FIELD FORMAT : I-EEE SEG-D
FIELD TAP NUMBERS :
RECORD LENGTH : 4 SEC.
SAMPLE INTERVAL : 2 MS.

STANDARD SPREAD CONFIGURATION
TRACE DISTANCE : 121 X 123
DISTANCE : 3025

PROCESSING SEQUENCE

- DATE PROCESSED: MARCH, 2000
- 1) REFORMAT FROM I-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
1.600 - 3.700 SEC. AT 3025 M
 - 4) ZERO PHASE FREQUENCY DECONVOLUTION
 - 5) TRACE BALANCE
 - 6) ELEVATION & DRIFT CORRECTIONS
REPLACEMENT VELOCITY: 3047 M/SEC.
ORTUM ELEVATION: 305 M. A.S.L.
 - 7) VELOCITY ANALYSIS
TYPE: COHERENCY SPECTRA
 - 8) AUTOMATIC RESIDUAL STATICS
WINDOW: 0.300 - 4.000 SEC.
MAXIMUM STATIC: +/- 30 MSEC.
ITERATIONS: 4
 - 9) REPEAT STEPS 7 & 8
 - 10) MTD
 - 11) MUTE:
OFFSET: 0.000 SEC.
325 M. 0.185 SEC.
400 M. 0.365 SEC.
775 M. 0.365 SEC.
3025 M. 1.650 SEC.
10 - 115 HZ
 - 12) SPECTRAL WHITENING:
WINDOW: 0.300 - 3.000 SEC.
MAXIMUM STATIC: +/- 12 MSEC.
 - 13) TRIM STATICS
WINDOW: 6075 %
MAXIMUM STATIC: 12/16 - 75/65 HZ
WINDOW: 500 MS
 - 14) STACK
 - 15) FILTER
 - 16) AGE SCALING
 - 17) F-X DECONVOLUTION: AODBACK = 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 ORTUM 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.