

N -- S  
PLOT 153

A.E.C. WEST LTD.

35529  
LINE: 00-TUL-02

AREA: KEELE 2000

9229-A61-3E  
LOCATION: N.W.T.

6075% MIGRATION STACK  
NORMAL POLARITY  
SHOT POINTS: 101 - 943 (N - S)

RECORDING PARAMETERS

DATE SHOT : FEBRUARY  
SHOT BY : TRACE EXPLORATION  
SHOT FOR : A.E.C. WEST LTD  
SHOOTING DIRECTION : N - S

SOURCE : VIBROSETS  
ENERGY SOURCE : VIBROSETS  
SOURCE ARRAY : SINGLE  
FIELD FILTER : 3 HZ LOW CUT  
NOTCH FILTER : NO. OF TRACES

RECEIVERS : GEOPHONE TYPE : L-210  
 : 10 HZ  
 : PHONES/GROUP : 6 OVER 1 M  
 : GROUP INTERVAL : 25 M  
 : SHOT POINT SPACING : 50 M  
 : NO. OF TRACES : 243

INSTRUMENTS : I/O SYSTEM TWO  
INSTRUMENT TYPE : I/O SYSTEM TWO  
RECORD LENGTH : 4 SEC.  
SAMPLE INTERVAL : 2 MS.  
FIELD TYPE NUMBERS : 1-EEE SEG-D

STANDARD SPREAD CONFIGURATION

TRACE DISTANCE : 121 X 123  
 : 3025 25 25 243 M

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

7) VELOCITY ANALYSIS  
COHERENCY SPECTRA  
TYPE: AUTOMATIC RESIDUAL STATICS  
WINDOW: 0.300 - 4.000 SEC.  
MAXIMUM STATIC: +/- 30 MSEC.  
ITERATIONS: 4

9) REPEAT STEPS 7 & 8  
10) N/D  
11) MUTE: OFFSET MUTE TIME  
 : 325 M. 0.000 SEC.  
 : 400 M. 0.185 SEC.  
 : 775 M. 0.385 SEC.  
 : 3025 M. 1.650 SEC.  
 : 10 - 115 HZ

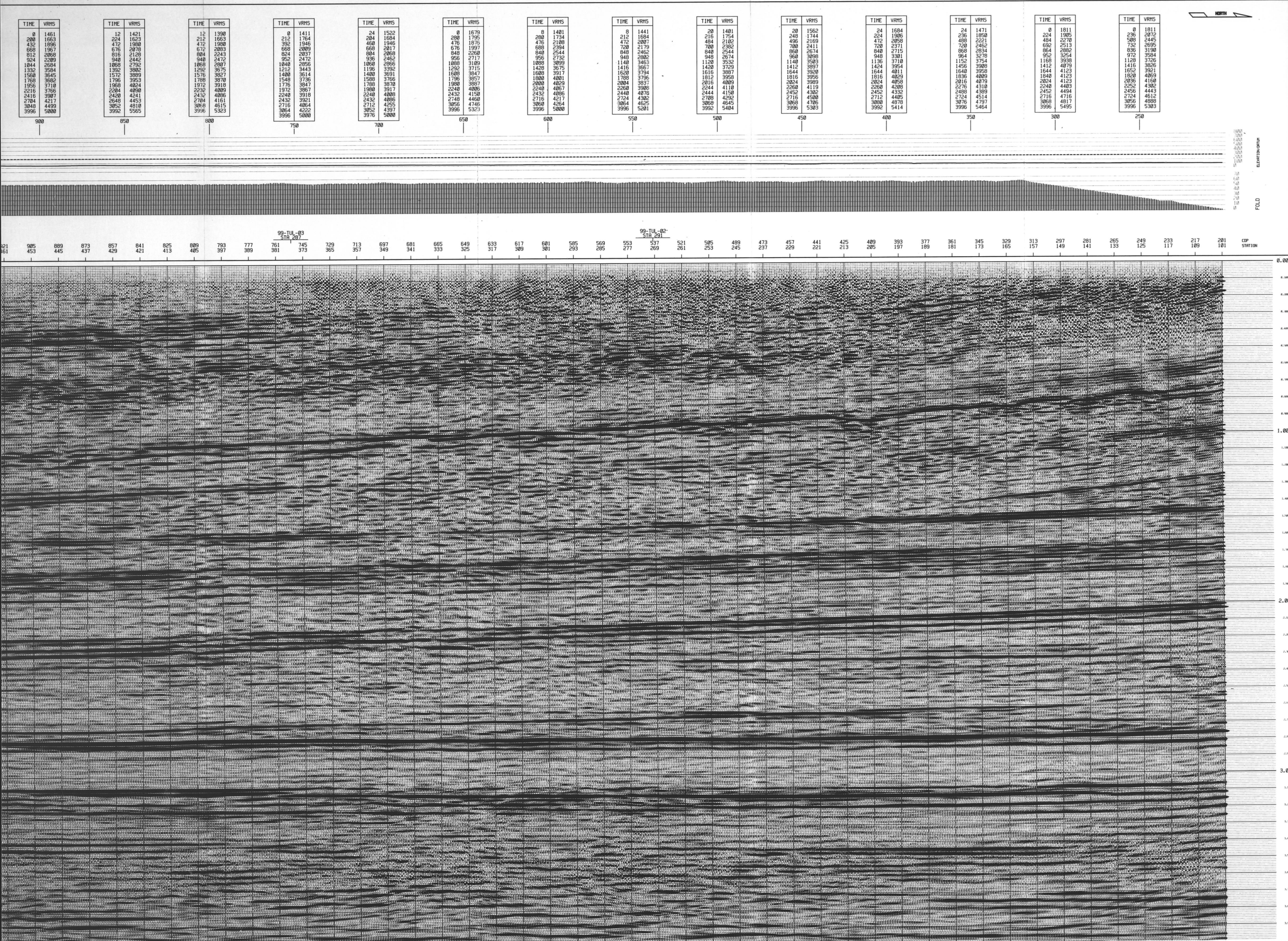
12) SPECTRAL WHITENING: 0.300 - 3.000 SEC.  
 : +/- 12 MSEC.  
13) TRIM STATICS: WINDOW: 6075 %  
 : 12/16 - 75/85 HZ  
 : AGC SCALING: WINDOW = 500 MS  
14) STACK: F-X DECONVOLUTION: ADOBEK = 50%  
15) FILTER: FINITE DIFFERENCE MIGRATION 50% STACKING VELOCITIES  
16) F-X DECONVOLUTION: ADOBEK = 50%  
17) F-X DECONVOLUTION: ADOBEK = 50%  
18) FINITE DIFFERENCE MIGRATION 50% 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.





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|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 26X<br>SIA 3777 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 99-TUL-04<br>SIA 388 |      |      |      |      |      |      |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 36X<br>SIA 3706 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1705            | 1689 | 1673 | 1657 | 1641 | 1625 | 1609 | 1593 | 1577 | 1561 | 1545 | 1529 | 1513 | 1497 | 1481 | 1465 | 1449 | 1433 | 1417 | 1401 | 1385 | 1369 | 1353 | 1337 | 1321 | 1305 | 1289 | 1273 | 1257 | 1241 | 1225 | 1209 | 1193 | 1177 | 1161 | 1145 | 1129                 | 1113 | 1097 | 1081 | 1065 | 1049 | 1033 | 1017 | 1001 | 985 | 969 | 953 | 937 | 921 | 905 | 889 | 873 | 857 | 841 | 825 | 809 | 793 | 777 |     |     |     |     |     |     |     |     |     |     |     |     |     |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 853             | 845  | 837  | 829  | 821  | 813  | 805  | 797  | 789  | 781  | 773  | 765  | 757  | 749  | 741  | 733  | 725  | 717  | 709  | 701  | 693  | 685  | 677  | 669  | 661  | 653  | 645  | 637  | 629  | 621  | 613  | 605  | 597  | 589  | 581  | 573  | 565                  | 557  | 549  | 541  | 533  | 525  | 517  | 509  | 501  | 493 | 485 | 477 | 469 | 461 | 453 | 445 | 437 | 429 | 421 | 413 | 405 | 397 | 389 | 381 | 373 | 365 | 357 | 349 | 341 | 333 | 325 | 317 | 309 | 301 | 293 | 285 | 277             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

