

NE -- SW
P60753
A.E.C. WEST LTD

AREA: KEELE 2000

LOCATION: N.W.T.

6075% MIGRATION STACK

NORMAL POLARITY

HOT POINTS: 101 - 775 (NE - SW)

RECORDING PARAMETERS

DATE SHOT : FEBRUARY 2000
SHOT BY : TRACE EXPLORATION
SHOT FOR : A.E.C. WEST LTD
SHOOTING DIRECTION : SH - NE

SOURCE

ENERGY SOURCE : VIBROSEIS
VIBE ARRAY : 3 X 6 SHEEPS
SOURCE ARRAY : SINGLE
SHEEP FREQUENCY : 10 - 30 HZ
FIELD FILTER : 3 HZ LOW CUT
NOTCH FILTER :

RECEIVERS

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

INSTRUMENTS

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

STANDARD SPREAD CONFIGURATION

TRACE
DISTANCE  1          121      x      123          243
          3025-----25-----25-----3025 M
```

PROCESSING SEQUENCE

```

DATE PROCESSED:  MARCH, 2000

1) REFORMAT FROM I-EE SEG-D
2) GAIN CORRECTION - TYPE: EXPONENTIAL
3) SURFACE CONSISTENT DECONVOLUTION & SCALING
   OPERATOR LENGTH: 1.00 SEC.
   PREHINTING: 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.
   DRIFT ELEVATION: 305 M. R.S./S.
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) NMO
11) MUTE: OFFSET MUTE TIME
          325 M. 0.000 SEC.
          0.400 M. 0.100 SEC.
          0.775 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 CORRECTION: ADOCKB = 50%
18) FINITE DIFFERENCE MIGRATION: NO STACKING VELOCITIES
****NOTE 1) THE FIRST BRANCHES ARE TOO NOISY AND INCONSISTENT
            TO ACCEPT. CONSEQUENTLY, ONLY ELEVATION
            AND DRUM STAT 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.

0

20

30

40

50

60

70

TIME	VRMS
12	1734
236	1946
484	2412
692	2745
816	2927
940	3109
1152	3655
1336	3715
1508	3999
1708	4138
1972	4148
2208	4514
2436	4989
2672	5323
3012	5495
3964	5828

TIME	VRMS
12	1734
236	1946
484	2412
692	2745
816	2927
940	3109
1152	3655
1336	3715
1508	3999
1708	4138
1972	4148
2208	4514
2436	4989
2672	5323
3012	5495
3964	5828

TIME	VRMS
12	1734
236	1946
484	2412
692	2745
816	2927
940	3109
1152	3655
1336	3715
1508	3999
1708	4138
1972	4148
2208	4514
2436	4989
2672	5323
3012	5495
3964	5828

TIME	VRMS
12	1734
236	1946
484	2412
692	2745
816	2927
940	3109
1152	3655
1336	3715
1508	3999
1708	4138
1972	4148
2208	4514
2436	4989
2672	5323
3012	5495
3964	5828

TIME	VRMS
12	1734
236	1946
484	2412
692	2745
816	2927
940	3109
1152	3655
1336	3715
1508	3999
1708	4138
1972	4148
2208	4514
2436	4989
2672	5323
3012	5495
3964	5828

TIME	VRMS
12	1734
236	1946
484	2412
692	2745
816	2927
940	3109
1152	3655
1336	3715
1508	3999
1708	4138
1972	4148
2208	4514
2436	4989
2672	5323
3012	5495
3964	5828

TIME	VRMS
12	1734
236	1946
484	2412
692	2745
816	2927
940	3109
1152	3655
1336	3715
1508	3999
1708	4138
1972	4148
2208	4514
2436	4989
2672	5323
3012	5495
3964	5828

TIME	VRMS
12	1734
236	1946
484	2412
692	2745
816	2927
940	3109
1152	3655
1336	3715
1508	3999
1708	4138
1972	4148
2208	4514
2436	4989
2672	5323
3012	5495
3964	5828

TIME	VRMS
12	1734
236	1946
484	2412
692	2745
816	2927
940	3109
1152	3655
1336	3715
1508	3999
1708	4138
1972	4148
2208	4514
2436	4989
2672	5323
3012	5495
3964	5828

TIME	VRMS
12	1734
236	1946
484	2412
692	2745
816	2927
940	3109
1152	3655
1336	3715
1508	3999
1708	4138
1972	4148
2208	4514
2436	4989
2672	5323
3012	5495
3964	5828

TIME	VRMS
12	1734
236	1946
484	2412
692	2745
816	2927
940	3109
1152	3655
1336	3715
1508	3999
1708	4138
1972	4148
2208	4514
2436	4989
2672	5323
3012	5495
3964	5828

TIME	VRMS
12	1734
236	1946
484	2412
692	2745
816	2927
940	3109
1152	3655
1336	3715
1508	3999
1708	4138
1972	4148
2208	4514
2436	4989
2672	5323
3012	5495
3964	5828

TIME	VRMS
12	1734
236	1946
484	2412
692	2745
816	2927
940	3109
1152	3655
1336	3715
1508	3999
1708	4138
1972	4148
2208	4514
2436	4989
2672	5323
3012	5495
3964	5828

TIME	VRMS
12	1734
236	1946
484	2412
692	2745
816	2927
940	3109
1152	3655
1336	3715
1508	3999
1708	4138
1972	4148
2208	4514
2436	4989
2672	5323
3012	5495
3964	5828

TIME	VRMS
12	1734
236	1946
484	2412
692	2745
816	2927
940	3109
1152	3655
1336	3715
1508	3999
1708	4138
1972	4148
2208	4514
2436	4989
2672	5323
3012	5495
3964	5828

TIME	VRMS
12	1734
236	1946
484	2412
692	2745
816	2927
940	3109
1152	3655
1336	3715
1508	3999
1708	4138
1972	4148
2208	4514
2436	4989
2672	5323
3012	5495
3964	5828

TIME	VRMS
12	1734
236	1946
484	2412
692	2745
816	2927
940	3109
1152	3655
1336	3715
1508	3999
1708	4138
1972	4148
2208	4514
2436	4989
2672	5323
3012	5495
3964	5828

1545 773 1529 765 1513 757 1497 749 1481 741 1465 733 1449 725 1433 717 1417 709 1401 701 1385 693 1369 685 1353 677 1337 669 1321 661 1305 653 1289 645 1273 637 1257 629 1241 621 1225 613 1209 605 1193 597 1177 589 1161 581 1145 573 1129 565 1113 557 1097 549 1081 541 1065 533 1049 525 1033 517 1017 509 1001 501 985 493 969 485 953 477 937 469 921 461 905 453 889 445 873 437 857 429 841 421 825 413 809 405 793 397 777 389 761 381 745 373 729 365 713 357 697 349 681 341 665 333

TUL-12
STR 113

TUL-83
STR 457

TUL-82
STR 1145

FOLD
ELEVATION/DEPTH
8000
7000
6000
5000
4000
3000
2000
1000
0

