

NE -- SW
A.E.C. WEST LT

LINE: 00-TUL-04

AREA: KEELE 2000
9229-A61-3E

LOCATION: N.W.T.

6075% MIGRATION STACK

NORMAL POLARITY

SHOT POINTS: 101 - 583 (NE - SW)

RECORDING PARAMETERS

DATE SHOT: MARCH 2000
SHOT BY: TREC EXPLORATION
SHOT FOR: A.E.C. WEST LT
SHOOTING DIRECTION: NE - SW

SOURCE: VIBROSEIS
ENERGY SOURCE: 3 X 6 SHEEPS
SOURCE ARRAY: SINGLE
FIELD FILTER: 3 HZ LOW CUT
NOTCH FILTER: NO

RECEIVERS: GEOPHONE TYPE: L-210
PHONES/GROUP: 10 HZ
GROUP INTERVAL: 6 OVER 1 M
SHOT POINT SPACING: 120 M
NO. OF TRACES: 243

INSTRUMENTS: I/O SYSTEM TWO
FIELD TYPE NUMBERS: 1-EEG SEG-D

RECORD LENGTH: 4 SEC.
SAMPLE INTERVAL: 2 MS.

STANDARD SPREAD CONFIGURATION

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

PROCESSING SEQUENCE

- DATE PROCESSED: MARCH, 2000
- 1) REFORMAT FROM 1-EEG 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.
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) MUTE
MUTE TIME: 0.000 SEC.
0.105 SEC.
0.395 SEC.
1.650 SEC.
1.0 - 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 - 75/65 HZ
 - 16) AGC SCALING
WINDOW = 500 MS
 - 17) F-X DECONVOLUTION: AODBACK = 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.



