

SW - NE

AEC WEST

LINE : DQN-00008

AREA : KEELE ARCH

9227-A61-1DA

LOCATION: NWT

MIGRATED DMO STACK

NORMAL POLARITY

SHOT POINTS: 1 - 370

RECORDING PARAMETERS

DATE SHOT : 1974
SHOT BY :
SHOT FOR :
SOURCE :
RECEIVERS :
ENERGY SOURCE :
SOURCE PATTERN :
CHARGE SIZE :
SHOT DEPTH :
FIELD FILTER :
NOTCH FILTER :
INSTRUMENTS :
INSTRUMENT TYPE :
FIELD FORMAT :
STANDARD SPREAD CONFIGURATION :
TRACE DISTANCE :
RECORD LENGTH :
SAMPLE INTERVAL :
VELOCITY :
FREQ. RANGE :
MINIMUM PHASE SIGNATURE :
OUTPUT PHASE :
DESIGN GATE :
TRACE BALANCE :
ELEVATION CORRECTIONS & WEATHERING CORRECTIONS :
REFRACTION STATICS :
WEATHERING VELOCITY :
REPLACEMENT VELOCITY :
PROCESSING DATUM ELEVATION :
AUTOMATIC RESIDUAL STATICS :
WINDOW :
MAXIMUM STATIC :
ITERATIONS :
FINAL VELOCITY ANALYSIS :
TYPE :
SHOT DOMAIN DMO :
FINAL HUTE :
FREQUENCIES :
TRIM STATICS :
WINDOW :
MAXIMUM STATIC :
COP STACK :
MULTI-GATE SCALING :
FINITE DIFFERENCE MIGRATION :
BANDPASS FILTER :

PROCESSING SEQUENCE

DATE PROCESSED: NOVEMBER, 1998
1) DEMULTIPLEXED FROM SEG-B (LACEY) CD-ROM
2) LINE GEOMETRY AND TRACE EDITS
3) GAIN CORRECTION - TYPE: EXPONENTIAL
4) RELATIVE AMPLITUDE SCALING
5) LOW FREQUENCY ARRAY FORMING
6) DECONVOLUTION:
TYPE: MULTI-COMPONENT
MINIMUM PHASE SIGNATURE
ZERO
0.20 - 2.30 SEC. AT 0 M.
0.65 - 2.50 SEC. AT 800 M.
7) TRACE BALANCE
8) ELEVATION CORRECTIONS & WEATHERING CORRECTIONS
REFRACTION STATICS: 2 LAYER
WEATHERING VELOCITY: 650 M./SEC.
REPLACEMENT VELOCITY: 3047 M./SEC.
PROCESSING DATUM ELEVATION: 305 M. A.S.L.
9) AUTOMATIC RESIDUAL STATICS
WINDOW: 0.30 - 2.00 SEC.
MAXIMUM STATIC: +/- 20 MSEC.
ITERATIONS: 4
10) FINAL VELOCITY ANALYSIS
TYPE: COHERENCY SPECTRA
11) FINAL NFO
12) SHOT DOMAIN DMO
13) FINAL HUTE: OFFSET
0.000 SEC.
320 M.
600 M.
14) DECONVOLUTION
TYPE: TRACE TO TRACE
OUTPUT PHASE: ZERO
DESIGN GATES: 0.20 - 2.30 SEC. AT 0 M.
0.65 - 2.50 SEC. AT 800 M.
FREQUENCIES: 8 - 90 HZ.
15) TRIM STATICS
WINDOW: 0.30 - 2.00 SEC.
MAXIMUM STATIC: +/- 12 MSEC.
16) COP STACK
17) MULTI-GATE SCALING
18) F-X DECONVOLUTION NOISE SUPPRESSION, ROBACK: 50%
19) FINITE DIFFERENCE MIGRATION, 95 % OF STACKING VELOCITIES
20) BANDPASS FILTER: 10/15 - 70/80 HZ. 0-1.5 SEC
10/15 - 50/60 HZ. 1.8-3.0 SEC

DISPLAY PARAMETERS

HORIZONTAL SCALE (TRACES/INCH): 12
VERTICAL SCALE (IN/SEC): 5.0

EI PROCESSING INC.

