

FIELD PARAMETERS

RECORDED BY: DAWSON P-27
CLIENT: EVANS GEOPHYSICAL, INC.

SOURCE: VIBROSEIS
SWEEP: 10-120 Hz 8 SEC. SWEEP
SOURCE INTERVAL: 220 FT.
GEOPHONE TYPE: OYO SM24 10 Hz
RECEIVER ARRAY: 6 PHONES OVER 80 FT CENTERED ON STATION
RECEIVER INTERVAL: 110 FT.
STANDARD SPREAD: SPLIT 19965-275-X-275-19965 FT
RECORDING INSTRUMENTS: I/O SYSTEM II
FORMAT: SEGD
NUMBER OF CHANNELS: 360
SAMPLE INTERVAL: 1 MS
RECORD LENGTH: 6000 MS
RECORDING FILTER: 3-125 Hz
NOTCH FILTER: OUT
NOMINAL FOLD: 90

PROCESSING SEQUENCE

STERLING SEISMIC SERVICES, Ltd.
SEGD TO INTERNAL FORMAT CONVERSION
GEOMETRY AND TRACE EDIT
CROOKED LINE BINNING
GAIN RECOVERY
SURFACE CONSISTENT AMPLITUDE ANALYSIS AND RECOVERY
SURFACE CONSISTENT DECONVOLUTION
TYPE: SPIKING OPERATOR: 160 MS NOISE: 0.1%
SPECTRAL ENHANCEMENT (10-120 Hz)
GREEN MOUNTAIN REFRACTION STATICS
DATUM: 1600 FT
VELOCITY: 12000 FT/SEC Vo: 5000 FT/SEC
COMMON DEPTH POINT GATHER
PASS 1 VELOCITY/MUTE ANALYSIS
NORMAL MOVEOUT CORRECTION
SURFACE-CONSISTENT AUTOMATIC STATICS
VARIABLE STATICS GATE
PASS 2 VELOCITY/MUTE ANALYSIS
NORMAL MOVEOUT CORRECTION
SURFACE-CONSISTENT AUTOMATIC STATICS
VARIABLE STATICS GATE
FK FILTER – REJECT LINEAR NOISE
FINAL VELOCITY/ MUTE/ AMPLITUDE ANALYSIS
NMO/ MUTE/ TVS – GATE APPLICATION
EMC – TRIM STATICS – 8 MS MAX STAT
BANDPASS (10/18-120/72 Hz/Db)
COMMON DEPTH POINT STACK
POST STACK ENHANCEMENT – FX PREDICTION FILTER
KIRCHHOFF TIME MIGRATION 95% OF RMS VELOCITY
POST STACK SCALE: TIME VARIANT WINDOW

The processing flow and parameters published herein are the generalized for the survey. However, the foregoing notwithstanding, Evans may have modified the processing flow and parameters as needed to adjust for timing, testing, and new technologies.