

## Evans Geophysical, Inc. 2008-09 Spec Program

### *FIELD PARAMETERS*

RECORDED BY: DAWSON P-27  
Date Recorded: 7/2009  
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

SEISMIC DATA POOLS • SEISMIC DATA BROKERAGE • DATA STORAGE

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[www.EvansGeo.com](http://www.EvansGeo.com)