



B. PROGRAM AND PARAMETER DETAILS

1. Vertical Stack :

a. True Amplitude Recovery (TAR)

TAR was applied to all field records. This process removed the gain imposed by the DFS III Binary Gain Control System and corrected for inelastic attenuation and spherical divergence losses.

b. Trace Edit

Trace editing (zeroing or polarity reversing) was performed, where applicable, using the field playbacks and field quality control reports as a guide.

c. Even/Odd Vertical Stack (New Shooting)

Even/Odd Vertical Stack was performed reducing the 48-fold common depth point coverage to 24-fold. The Even 24 groups were stacked with the Odd 24 groups of the succeeding shot. Although an offset mix was involved, by using the Even and Odd groups from consecutive shots any depth point smear was eliminated. Tests indicated this method of Vertical Stack produced the best results in the deeper zones of interest. Using the field Q.C. reports as a guide, as well as on a random basis, the Vertical Stack records were displayed for further editing.