



D. Velocity Analysis

Velocity control was obtained by using:

1. Single Fold (100%) processed records.

From the velocity information used for previous processing in the area, a composite trial velocity was computed and applied for the single fold processing.

2. Moveout Scans

A Moveout Scan is the application of negative time shifts approximating a normal moveout (NMO) correction curve to traces for one to 24/N consecutive common depth points and stacking of the traces. N is multiplicity of subsurface coverage. In the routine, 96 scans for 96 different NMO correction curves are performed for each group of common-depth-point (CDP) input traces, therefore outputting 96 stacked traces. Correlative reflections with NMO time equal to absolute values of time shifts for a scan are aligned, and the stacked reflection will be a maximum relative to corresponding stacked reflections on adjacent traces.