For each set of 96 scans, the following processes were performed:

a. Gathered a set of 24 CDP traces from input records.

b. Performed time-variant deconvolution on CDP traces.

c. Applied time-variant zero-phase filtering to CDP traces.

d. Computed shot-to-group distances.

e. Zeroed early parts of CDP traces.

f. Output the processed CDP traces on output tape.

g. Applied time shifts for 96 different Moveout Scans to CDP traces and summed the CDP traces after each application.

h. Picked reflection maxima on stacked traces for the set of Moveout Scans and computed implied RMS velocities from time shifts corresponding to reflection maxima.

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