Travel times through water were computed from known water depths (fathograms) and compared with travel times obtained from vertically stacked records. Times obtained each way at corresponding locations tied satisfactorily.

The total water replacement static correction applied to a given data trace is the C computed for the shot location plus the C computed for the receiver location. In addition, static corrections are also applied to each trace to adjust for the depth of the energy source and the depth of the geophones.

B. Static Correction for Start-of-Scan

Production transcription was commenced at start-of-scan. Experimental comparison of records transcribed with Time 0 at start-of-scan and records transcribed with Time 0 at time break showed that the time break lagged start-of-scan by 108 milliseconds.

This 108 milliseconds static correction was applied during the production vertical-stack process.

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