



### 2 on 1 Vertical Stack (ER Survey)

The Aquapulse shooting required reduction from 48-fold coverage to 24-fold coverage. This was performed by stacking the traces of the first shot with the traces of the second shot, the third with the fourth, etc.

The six-fold recording was not stacked prior to CDP gather.

## 2. Pre-Processing :

### a. Trace Edit

Trace editing was performed based on the Vertical Stack displays. This consisted primarily of trace zeroing.

### b. Pre-deconvolution Ramp Scaling

Pre-deconvolution ramp scaling was designed to suppress direct arrival energy. This was to prevent the high amplitude direct arrivals from being "blown-up" when the deconvolution operator was applied.

### c. Static Corrections

Static corrections were applied to correct for a sea level datum. A positive static correction was applied to compensate for the depth of the airgun array and streamer below sea level. A water velocity of 5000 ft./sec. was assumed when making these corrections.