F. Experimental Processing

    1.   Line M57T was processed in two ways. Firstly, by applying time-varying deconvolution filters before stacking, and secondly, applying the TVD filters after stacking. On the basis of this comparison, it was decided that data quality was enhanced to a greater extent by application of the TVD filters before stack. TVD was done before stack in production processing of all lines, excepting Line M60T. Line M60T was processed by applying TVD filters after stack.

    2.   Line M55T was reprocessed and displayed using a "mix". The mixing is done separately for each set of 24 stacked traces (1 stack record) and is accomplished as follows:

Mixed trace 1 = 150% of unmixed trace 1

Mixed trace 2 = unmixed trace 2 + 50% of unmixed trace 1

Mixed trace 3 = unmixed trace 3 + 50% of unmixed trace 2

Traces 4 through 12 follow similarly

Mixed trace 13 = unmixed trace 13 + 50% of unmixed trace 14

Traces 14 through 23 follow similarly

Mixed trace 24 = 150% of unmixed trace 24

No appreciable difference could be seen when comparing the record section with mix and the record section without mix.

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