data quality, and with this in mind two sections of line, totalling about 20 miles, were reprocessed experimentally.

This resulted in a small, but worthwhile improvement in record quality, and more importantly, provided an additional parameter-velocity - to assist in interpretation. This was displayed as automatically picked reflection segments, velocity sorted to exclude multiples and spurious events, and with average (R.M.S.) velocities shown. (see Figures 3,4,5).

The results were very satisfactory in one area (Mussel) and less so in the other (Prawn).