

This stage of the processing had to be carried out outside Australia, and resulted both in long delays and poor interaction between the interpreter and processing. Given closer interaction or more time, results of this processing could be improved.

Processing was limited to 4.0 seconds, as useful data below this was not expected. The new shooting used alternate depth points for the velocity analysis programme, data from one system only being submitted, although displays are labelled "every depth point".

(c) Interpretation

Two horizons were mapped, top of Sherbrook Group - Base of Wangerrip Group unconformity, and the top of Otway Group - Base of Sherbrook Group unconformity. Only new or reprocessed records were included in the interpretation, including part of EO-31 reprocessed prior to the survey. For the first step in the interpretation the sorted segment display overlays were examined, with both "peaks only" and "troughs only" transparencies ((see Appendix 2, Section II B 3.3) over the stacked section, and events thought to be valid selected at intervals of not less than 200 milli seconds. These events were selected on criteria of reflection strength and continuity, dip and velocity. Every 10 traces for old data and every 20 traces for new data a set of time and RMS velocity values was taken for the selected events. Where selected events were shorter than 10 points, the velocity was obtained from the printed segment listings.