

Limited processing of the digitally recorded data has demonstrated the potential improvement in data quality that is possible. It is recommended that the remainder of this survey be digitally processed. While the digital processing may not change a previous interpretation, the reliability of the interpretation may be raised from poor to fair. In an area where some doubt is usually present this improvement can be a significant factor in selecting drilling locations.

Additional shooting is needed to detail some of the leads shown on the Pre-Tertiary Structural Dip Map, Plates XIa, XIb. It will be necessary to have an accurate structural picture of a given anomaly before locating a test well.

More shooting is also needed over the large Tertiary anticlines in southern South Australia in order to select the best drill site.

Much of the present difficulty in assessing the hydrocarbon potential of the offshore Otway Basin is caused by our limited knowledge of the rocks that are found in this area. In both the Tertiary and the Mesozoic, much of the geologic section is composed of sediments that were deposited in environments different from their time equivalents that have been sampled by onshore wells. Our evaluation of the area will be profoundly influenced by offshore drilling.