

were used as the basis for planning the subsequent seismic survey.

Numerous aeromagnetic and reconnaissance seismic surveys have been conducted by Esso/BHP in the west-adjointing permits and by Shell in the northern part of the Gippsland offshore area. These are listed and results described in the East Gippsland subsidy report. Where feasible, previous geophysical results have been utilized in planning, executing and interpreting the present survey.

3. Northwest Tasmania Area

The Magellan aeromagnetic survey mentioned previously contained sparse data in the Northwest Tasmania Area. Other pertinent work has been done in the east-adjointing Esso/BHP permits. These are listed below:

1. The Offshore Otway Basin Marine Seismic and Magnetic Survey, EP-67; Esso; May 1968.
2. Offshore Otway ER-68 Seismic and Magnetic Survey; Esso; March 1969.
3. Tasmania EE-68 Marine Seismic and Magnetic Survey; Esso; April 1969.

Other older and/or more distant work has been carried on in the general area. These are described in "A Preliminary Review of the Otway Basin", Record 1966/170 by the BMR.

E. OBJECTIVES

The present survey was planned primarily as reconnaissance of four of the included permit areas which were essentially unexplored previously (NSW EPP/1, T/9P,