

of exploration include:

Hematite Gippsland Marine Seismic Survey
by Western Geophysical Co. (G lines)
August 1963.

Gippsland Shelf Marine Seismic Survey for
Esso by Western 1965 (EG lines).

Eastern Bass Strait Marine Seismic Survey
for Esso by GSI March 1967 (ET lines).

Offshore Gippsland Basin Marine Seismic
Survey EC-67 for Esso by GSI May 1968.

Offshore Gippsland Seismic Survey Victoria
PEP57 for Shell by GSI March 1966.

Sole Sparker Survey for Shell by GGG,
September 1967.

Gippsland EH-68 Marine Seismic Survey for
Esso by Western and GSI December 1968.

The first main seismic survey to be conducted over VIC/P4 and
T/lP was:

East Gippsland Basin Area Marine Seismic Survey
for Magellan Petroleum Southern Pty. Ltd. field
work by Western Processing and Interpretation
by GSI, June 1969.

Results from this survey were generally good. They showed
basement dipping north eastward in what is now VIC/P4 and
generally eastward in T/lP. Sediments of the Latrobe Valley
Delta Complex were found to be thin or absent in the area
where the two leases join and thickening north and south to
7,000 and 6,000 feet respectively. Post Eocene rocks thin
eastward across the area and Oligocene may be absent from its
eastern margins. The Top Latrobe Complex map showed several
anticlinal features, noses, structural and stratigraphic
leads.