

1.0 ABSTRACT

The T-13P permit is located in the southern Gippsland Basin, off the east coast of Tasmania, Australia.

As operator, Otter Exploration N.L. conducted the Flinders seismic survey in May 1980. This was the first data acquired in the permit since 1973. This report is on the integration and interpretation of this survey and previous seismic lines.

The southern shelf of the Gippsland Basin has been tested by three wells; Mullet, Bluebone and Sailfish. The first two of which tested stratigraphic plays and the third a reefal play. This "reef" proved to be a volcanic feature, while the Mullet and Bluebone plays were dry, either due to lack of seal or restricted migration.

The area mapped on this 1:25,000 interpretation contains several small structural and stratigraphic closures in the Latrobe Coal Measures (LCM) which are potential sites for oil fields.

The major closures need to be confirmed with an additional seismic survey at least, and one of them drilled to Basement. The T82A survey of about 250 km is designed to define four structures: Furneaux, Flinders, Muttonbird and South Muttonbird.