

ROCKY CAPE SEISMIC SURVEY - INTERPRETATION REPORT**SUMMARY**

The 1994 Rocky Cape Seismic Survey was acquired in order to mature several leads which were identified by an interpretation on an interactive geophysical workstation, loaded with data from the 1992 Hunter, 1984 & 1985 Amoco, and several earlier seismic surveys. Some of these data had been reprocessed for the task.

The survey was recorded as a joint effort between T/18P and T/25P Permits and indeed one lead straddled the common border between them.

Previous work had identified more than 20 leads in T/25P all of which were not mature for drilling. The survey was only budgeted for 250km and therefore a selection of the most prospective leads were targeted in a "make or break" fashion rather than to strictly mature them to drillable status. The leads addressed were Clarke, Tourville, Actaeon and Warrego. In parallel to the 250 km Rocky Cape acquisition an 1800km reprocessing project was undertaken which involved migration of available stack data, scanning of some paper data and full reprocessing of key seismic lines unavailable in a digital format (Figure 1.0).

The project was largely successful for although the large Clarke lead failed as a result of the improved grid spacing, all other targeted leads were upgraded to prospect status by the Rocky Cape Survey. In addition the extra data including the reprocessed lines allowed mapping over several features such as Pelican Field and the Southwest Ramp province which improved our understanding of the geology and prospectivity of T/25P. The Veridian Lead and Eddystone Prospect, which were enhanced by the reprocessing, and the Tourville Prospect will be upgraded to drillable status in a 600 km seismic survey which will be acquired in the summer of 1995/1996.