

southern domal structure, previously described, is a drillable prospect but offers only a thin prospective section.

At the deep-water ends of sparker profiles clarity is obtained in the definition of reflecting horizons to the maximum depth of seismic source penetration because of the "window" in water bottom multiples. Where practical sparker lines should always be continued into sufficiently deep water to exploit this advantage.

Constant vessel speed and straight survey lines should be maintained during the recording of magnetic anomalies as they are seen to develop on the concurrently obtained graphic display.

#### B. EAST GIPPSLAND BASIN AREA

##### 1. General

Three sets of data will be treated separately in this part of the report:

- a) Sparker profiling of the N.S.W.-Victoria Tie Line (M45S) and in permits VIC/P3, T/1P and T/9P.
- b) Multi-coverage digital air-gun data in T/1P (Line M55T through M60T) (See Section VII.B for GSI's processing report).
- c) Reprocessing of multi-coverage digital Aquapulse data from the East Gippsland Marine Seismic and Magnetic Survey, June, 1969. (See Section VII.A for Western's processing report).