

RESULTS

GENERAL

The quality of the seismic results was fair to good over almost all the area. Below approximately 100 fathoms a distinct event was received from the sea bed. A generally strong event occurring close to the base of Tertiary section was present over all the area (Plate 2). Over most of the southern two-thirds of the surveyed area an event approximately corresponding to the magnetic basement was present. Between these two horizons a series of other events could be seen; their extent and comments on their appearance are shown on Plate 3.

In addition to these primary events the following multiples appeared variously over the area:

- First multiple of sea bed.
- First multiple of Tertiary horizon.
- First multiple of Basement horizon.
- Multiple of sea bed-surface-Tertiary-surface.
- Multiple of sea bed-surface-Basement-surface.
- Sundry multiples of sea bed-surface-random event-surface.
- Parts of the shallow water area showed a tendency to sea bed-surface reverberations.

The magnetic data tended on occasions to be very noisy, however several useful anomalies were apparent and estimates to basement from them are included on the Basement map Plate 1.

The horizons mapped on Plates 1 and 2 have been prepared in two way time. A replacement correction was made for the water depth using a replacement velocity of 6,000 ft/sec.

Whenever possible the data has been tied to the existing data from adjacent leases, and horizons have been identified from reports on that data. In particular, the results were integrated with those from the following reports: