

used for the NEF lines. Older sections had been corrected by replacing water with a layer of velocity 7,000 feet per second and for those sections  $V_w = 7000$ .

Depths to Horizon B were calculated using the appropriate Horizon B figures.

It was felt that velocity results below Horizon B were not of sufficient quality to adopt a similar depth conversion system for Horizon C. Examination of existing well velocity data suggested that the use of a constant interval velocity for the interval B-C would introduce little error. Accordingly an interval velocity of 12,000 feet per second was adopted and interval thicknesses added to the Horizon B depths.

#### Final Refraction Interpretations

It was noted that whereas shallow refraction results were consistent with shallow reflection results the only deeper refraction recording was Basement and nothing was seen of Horizon B. It was therefore decided to add information from the reflection results to refine refraction interpretation. Interpretation was made for the three probes which recorded a Basement refractor (Plate 1).

For the two which had been recorded in both directions the water bottom (Horizon R) was put on from the fathometer charts and the shallow Horizons S and T interpreted by the Slotnick