

(1) Summary of Previous Work

Lines B-10 and B-16 of the Flinders Island-Kingston Area Seismic Survey (1963) crossed close to the presently mapped crest of the Red horizon at Nangkero. These lines were reprocessed in October 1969 and January 1970 respectively. On the reprocessed lines, the Nangkero structure can be mapped but closure to the west is doubtful and it is therefore understandable that the prospect was not recognised at that time. Further seismic exploration of Nangkero did not occur until 1972 when the B-72A Marine Seismic Survey was run. Lines B-72A-5, 104 and 114A delineated a small closure in T/6P, north east of the Poonboon-1 well. In 1973 two lines of the Flinders Survey, HB73A-135 and 137, updated part of the B-10 and B-16 coverage. They showed that the structure extended well into T/4P with its mapped crest in that permit. Subsequent velocity correction resulted in the maps on which the well location was based. These differ only slightly from the previous interpretation. The main change was the closing of the 7600 feet subsea contour which caused a culmination in the north west to be included in the mapped closure.