

(5) Structure

Prior to drilling, closure at Aroo was mapped at the Blue, Brown and Red horizons. The main target was the Blue horizon and the well was located on the interpreted Blue horizon crest which placed it within the Brown closure but outside a small closure mapped at the Red level.

The Blue horizon, mapped with some difficulty prior to drilling, occurred within what the well proved to be a thick volcanic succession and the pre-drilling geological interpretation below the Brown horizon in the Aroo area must therefore be revised. However the structural interpretation remains valid. Events within the volcanic succession can still be mapped at around 11,000 feet sub-sea in the vicinity of what was previously mapped as the Blue horizon closure.

The well confirmed closure at the Brown level which has now been remapped (Enc. 8 ) but which is not interpreted as being significantly different from its pre-drilling configuration.

The encouraging indications of hydrocarbons in the Red to Brown interval in Aroo-1 led to an attempt to map just below the Red horizon a marker designated as the Orange horizon in rocks of M. diversus or younger age (Enc. 7).