



Crocus-1

Location

The Crocus Prospect is located in northern PEL 101, northeastern South Australia, some 90 km northeast of the Moomba oil and gas processing centre for the Cooper Basin region. Crocus 1 is sited 1km west of Wimma 1 well drilled in 1981 and 5km south west of the Beanbush 1 well which produced 1.5 MMSCFD on test from the upper Patchawarra Formation.

Overview

- Crestal feature on northeasterly trending anticline.
- The Epsilon Formation and the fluvial sandstones in the Patchawarra Formation are the primary targets.
- Reservoir quality main concern but nearby wells/fields demonstrate commerciality from similar fluvial sands. [Beanbush 1.5 MMCFD - Patchawarra, Pennie 19 MMCFD, Cuttapirrie 13 MMCFD and Coonatie 1.2 MMCFD from the Epsilon]
- 1km west of Wimma 1 well drilled outside of closure and failing to test the structure.
- Source rocks for hydrocarbons in this basal Eromanga section are the carbonaceous shales and coal deposits within the Permian Toolachee and Patchawarra Formations.
- With no major faulting breaching the regional Triassic seal the siltstone succession of the Nappamerri Group is the sealing unit throughout this part of the Basin.
- Potential of the Crocus prospect is estimated at 24 bcf gas in place.

Status

- Crocus 1 was cased and suspended 1/9/2004.
- Drilled to TD 3348.5m.
- Drilling problems precluded successful testing.

