



Cummin-1

Location

The Cummin Prospect is located within southern PEL 103, northeastern South Australia, some 90 km northeast of the Moomba oil and gas processing centre for the Cooper Basin region and 35km north east of the Innamincka township. Cummin 1 is sited two km west of the, first petroleum exploration well in the South Australian Cooper-Eromanga Basin, Innamincka 1 drilled in 1959.

Overview

- Crestal location on a faulted anticline, forming part of the Innamincka Dome on the GMI ridge.
- The Hutton Sandstone and sandstones in the Poolowanna Formation are the primary targets.
- Very large structure with a trap area of 8.14km²
- Source rocks for hydrocarbons in this basal Eromanga section are the carbonaceous shales and coal deposits within the Permian Toolachee and Patchawarra Formations which flank the Innamincka Dome.
- The siltstones and silty shales within the Birkhead and Westbourne Formations are the sealing units throughout this part of the Eromanga Basin.
- Oil potential of the Cummin prospect was estimated at 37.6 mmbbls oil in place.

Status

- Cummin 1 was plugged and abandoned 20/2/2004.
- Drilled to TD 2068m.

