

Total Reserves Potential (in place) : 1700 BCF gas and
450 MM bbl oil

8.5 Pipipa-type play, with Facies Controlled Seal to Northwest

West of the Toolka-Cormorant shaly depocentre, a single field of the Pipipa type is considered possible. Dipslope small normal faults provide the seal toward the basin margin, and north-northwest trapping is by facies change of sand to shale. The presence of lower sand percentage and thinner sands in such a location may be offset by improved reservoir permabilities due to lacustrine wave reworking.

This play is considered to be oil prone, but difficult to assess in terms of risk.

Total Reserves (in place) : 100 - 200 MM bbl oil

8.6 Pelican-type with Large Recurrent Sealing Faults

Several major NNW-SSE trending fault systems east of Cormorant 1 have potential for early fault sealing of upturned intervals.

This play may occur in a trend east of Toolka 1, Cormorant 1 and Bass 1, and southeast towards Dondu 1. Insufficient seismic detail exists in this area to define this concept, or determine whether any areas of closure along the faults exist. The prospectivity of the downthrown side of faults and fault sealing is supported by the description of Pelican-type plays (see section 8.2). However, this play must be considered to be a much higher risk play since the major sealing faults in this area have been