

6.6 Top Eastern View Coal Measures

Figure 6.10 (Enclosure 10) "Top EVCM, Time Structure Map (ms TWT)"

Figure 6.11 (Enclosure 11) "Isochron of post-*M.diversus* EVCM"

Figure 11.4 "Top EVCM Leads & Prospects"

The "Upper" Eastern View blankets much of the basin with relatively uniform deposition. Consequently the "Top EVCM" is an easy pick on the seismic and has been mapped over a wide area. It has a seismic time range of 600ms to 1800ms in the mapped area. The post EVCM basin sag centred longitudinally through Poonboon 1 dominates the map, but some structural culminations are present at Bass 3, Tarook 1, Flinders 1 (Pipipa 1), Poonboon 1 and at the Tourville and Hunter Leads. Drape over early structures has resulted in the highs at Bass 3, Poonboon 1 and Tourville, while the other culminations result from uplift due to the emplacement of Miocene aged intrusives.

The edge of the entire EVCM package can be seen in the southwest corner of T/25P, while just to the northwest of the block some unusual geologic features are present. These could be "pop-up" structures caused during a late compression event or due to the emplacement of intrusive bodies but unfortunately are illdefined and poorly resolved by the current seismic grid.

The isochron map of the post-*M.diversus* EVCM ("Upper" EVCM) shows that a gentle sag was still present in both the Pelican Trough and the Yolla Trough at this time. The Pelican 3 high was a very prominent structure as evidenced by the significant thinning there during the "Upper" EVCM's deposition. The Clarke Lead was also in a zone of thinning indicating that it had remained as a high during this period. Other notable thins occur over the old Pipipa North Lead and in the Grindstone and Eddystone area.

6.7 Top Demon's Bluff Formation

Figure 6.12 (Enclosure 12) "Top Demon's Bluff Formation, Time Structure Map (ms TWT)"

Figure 6.13 (Enclosure 13) "Isochron of Demon's Bluff"