

and southeast portions of the basin but its contact with the shelf reefs is questionable. Inasmuch as there are no reefal build-ups in the southeast portion of this area it would seem that either the mapping is in error or that the environment is unfavourable for reefs.

The basin reefs are grouped in the northeast half of the basin and fall mainly within the trend between the northeast and southwest shelf reefs. This suggests a shoaling tendency out in the basin during the latter part of Unit II.

The reef build-up is expressed, as with the shelf reef, in a prominent reflection marking the top of Unit II. With this as a reference horizon it is clear that the lower beds of the overlying Unit III wedge out against the build-up while the higher beds assume draping attitude. In the discussion of shelf reefs it was suggested that the overlap of Unit III with turbid sediments was instrumental in terminating growth of the build-ups, as well as producing an effective cap over the porous reef. The same would apply to the basin reefs.


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