

Refinement of Paleobathymetric Curves of Paleocene - Early Eocene Sequences in Selected Wells of Cambay Basin

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Micropaleontological and palynological data pertaining to Paleocene-Early Eocene sequences is generated in three wells of Cambay Basin namely, A-1, B-1 and C-1. Besides re-interpreted the already generated data for more precise age determination, paleoenvironmental interpretation and estimation of paleobathymetry of the subsurface sequences in nine wells namely, D-1, E-1, F-1, G-1, H-1, I-1, J-1, K-1 and L-1. The paleobathymetric curves have also been compared with the eustatic sea level curve to know the relationship of local bathymetric changes with those of eustatic curves. In some wells the local paleobathymetric curves are not matching with the eustatic sea level curves which can be attributed to the local tectonics.