

Stratigraphic architecture of the Lower Cretaceous Adda Field

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Abstract
Integration of detailed sedimentology, quantitative biostratigraphy and sequence stratigraphy yields a model of stratigraphic architecture for the Lower Cretaceous Adda Field that is essential to constrain seismic interpretation and field modelling. The Tuxen and Sola Formations are characteristically thin and incomplete across this structure and detailed biostratigraphy has been crucial in recognizing components of the succession known from expanded complete sections elsewhere (e.g. Valdemar-Bo, Boje areas). The resultant architecture of the field reveals a complex structural and stratigraphic evolution influenced strongly by the lateral shifting of inversion on axes between the Hauterivian and the Albian.

