

Exploration of Deepwater Depositional Basins

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Exploration and development in deepwater Tertiary sedimentary basins in recent years has provided a wealth of high-resolution data over areas that commonly exhibit remarkable seismic visibility. The industry success rate in these basins has been exceptional by historical standards; not just because of the subsurface visibility and the application of the geophysical toolkit, but also as they allow a clear understanding of how petroleum systems behave. BP is one of the world's most successful deepwater exploration companies with focus in the recent past on the Gulf of Mexico, Angola and North-West Europe. In this paper we discuss the methodologies and technologies involved in identifying the right basins, getting to the right places in those basins, and ensuring the appropriate geophysical technology is applied such that we can approach a paradigm of 'no dry holes'.
