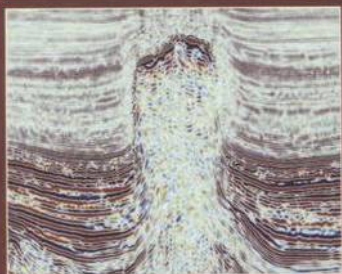


Salt Tectonics, Sediments and Prospectivity

Edited by

G. I. Alsop, S. G. Archer, A. J. Hartley, N. T. Grant and R. Hodgkinson

In this timely volume, geoscientists from both industry and academia present a contemporary view of salt at a global scale. The studies examine the influence of salt on synkinematic sedimentation, its role in basin evolution and tectonics, and ultimately in hydrocarbon prospectivity. Recent improvements in seismic reflection, acquisition and processing techniques have led to significant advances in the understanding of salt and sediment interactions, both along the flanks of vertical or overturned salt margins, and in subsalt plays such as offshore Brazil. The book is broadly separated into five major themes covering a variety of geographical and process-linked topics. These are:



halokinetic sequence stratigraphy, salt in passive margin settings, Central European salt basins, deformation within and adjacent to salt, and salt in contractional settings and salt glaciers.

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Cover illustration:

The seismic image shows a north-south depth cross-section of the Jane diapir in block 30/12 of the UK sector of the North Sea. The image was generated using reverse time migration to model and image the steeply-dipping margins of the diapir. The field of view of the section is 11.5 km in width (vertical exaggeration is approximately 2). This mushroom-shaped active diapir has developed during Cretaceous and Tertiary basin compression. North is to the left.

Data courtesy of CGG Veritas.

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