

## Contents

Acknowledgements	vi
HAMPSON, G. J., REYNOLDS, A. D., KOSTIC, B. & WELLS, M. R. Introduction to the sedimentology of paralic reservoirs: recent advances	1
<b>Subsurface characterization of paralic reservoirs</b>	
REYNOLDS, A. D. Paralic reservoirs	7
CHURCHILL, J. M., POOLE, M. T., SKARPEID, S. S. & WAKEFIELD, M. I. Stratigraphic architecture of the Knarr Field, Norwegian North Sea: sedimentology and biostratigraphy of an evolving tide- to wave-dominated shoreline system	35
HELDREICH, G., REDFERN, J., LEGLER, B., GERDES, K. & WILLIAMS, B. P. J. Challenges in characterizing subsurface paralic reservoir geometries: a detailed case study of the Mungaroo Formation, North West Shelf, Australia	59
FLOOD, Y. S. & HAMPSON, G. J. Analysis of floodplain sedimentation, avulsion style and channelized fluvial sandbody distribution in an upper coastal plain reservoir: Middle Jurassic Ness Formation, Brent Field, UK North Sea	109
<b>Tidal heterogeneity in paralic systems</b>	
LONGHITANO, S. G. & STEEL, R. J. Deflection of the progradational axis and asymmetry in tidal seaway and strait deltas: insights from two outcrop case studies	141
MELLERE, D., MANNIE, A., LONGHITANO, S., MAZUR, M., KULAUSA, H., BROUGH, S. & COTTON, J. Tidally influenced shoal water delta and estuary in the Middle Jurassic of the Søgne Basin, Norwegian North Sea: sedimentary response to rift initiation and salt tectonics	173
AMIR HASSAN, M. H., JOHNSON, H. D., ALLISON, P. A. & ABDULLAH, W. H. Sedimentology and stratigraphic architecture of a Miocene retrogradational, tide-dominated delta system: Balingian Province, offshore Sarawak, Malaysia	215
JOHNSON, C. L., STRIGHT, L., PURCELL, R. & DURKIN, P. Stratigraphic evolution of an estuarine fill succession and the reservoir characterization of inclined heterolithic strata, Cretaceous of southern Utah, USA	251
MCLEAN, A. Q. & WILSON, B. Recognizing seasonal fluvial influence in ancient tidal deposits	287
<b>Analogue studies</b>	
LANE, T. I., NANSON, R. A., VAKARELOV, B. K., AINSWORTH, R. B. & DASHTGARD, S. E. Evolution and architectural styles of a forced-regressive Holocene delta and megafan, Mitchell River, Gulf of Carpentaria, Australia	305
LAMBIASE, J. J., RIADI, R. S., NIRSAI, N. & HUSEIN, S. Transgressive successions of the Mahakam Delta Province, Indonesia	335
MULHERN, J. S. & JOHNSON, C. L. Time–space variability of paralic strata deposited in a high accommodation, high sediment supply setting: example from the Cretaceous of Utah	349
GOMIS-CARTESIO, L. E., POYATOS-MORÉ, M., FLINT, S. S., HODGSON, D. M., BRUNT, R. L. & WICKENS, H. D.V. Anatomy of a mixed-influence shelf edge delta, Karoo Basin, South Africa	393
Index	419