


Knut Bjørlykke



Petroleum Geoscience

From Sedimentary Environments
to Rock Physics

 Springer

Petroleum Geoscience From Sedimentary Environments To Rock Physics

Yijin Wang

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Handbook of Petroleum Geoscience Soumyajit Mukherjee, Swagato Dasgupta, Chandan Majumdar, Subhadip Mandal, Troyee Dasgupta, 2022-10-17 HANDBOOK OF PETROLEUM GEOSCIENCE This reference brings together the latest industrial updates and research advances in regional tectonics and geomechanics. Each chapter is based upon an in-depth case study from a particular region, highlighting core concepts and themes as well as regional variations. Key topics discussed in the book are: Drilling solutions from the Kutch offshore basin; Geophysical studies from a gas field in Bangladesh; Exploring Himalayan terrain in India; Tectonics and exploration of the Persian Gulf basin; Unconventional gas reservoirs in the Bohemian Massif. This book is an invaluable industry resource for professionals and academics working in and studying the fields of petroleum geoscience and tectonics.

Joint Development of Hydrocarbon Deposits in the Law of the Sea Vasco Becker-Weinberg, 2014-08-05 This book examines the concept and purpose of joint development agreements of offshore hydrocarbon deposits from the perspective of public international law and the law of the sea, taking into consideration and

extensively reviewing State practice concerning seabed activities in disputed maritime areas and when hydrocarbon deposits extend across maritime boundaries It distinguishes between agreements signed before and after the delimitation of maritime boundaries and analyzes the relevance of natural resources or unitization clauses included in maritime delimitation agreements It also takes into consideration the relation between these resources and maritime delimitation and analyzes all the relevant international jurisprudence Another innovative aspect of this book is that it examines the possibility of joint development of resources that lay between the continental shelf and the Area considering both theoretical and practical problems As such the book is a useful tool for scholars and experts on public international law and the law of the sea but also for national authorities and practitioners of international disputes resolution as well as public and private entities working in the oil and gas industry

Cross Border Themes in Petroleum Geology II D. Chiarella, S. Patruno, H. Kombrink, C.A.-L. Jackson, J.A. Howell, S.G. Archer, 2022-09-13 A cross border approach to exploration appraisal and development is important in mature areas such as the Atlantic Margin and in frontier areas such as the Barents Sea An approach of this nature emphasizes the need to see the basin as one geological entity to maximize economic recovery and prepare the area for the energy transition This volume offers an up to date geology without borders view of the stratigraphy sedimentology and tectonics trends in these areas It also looks at the challenges associated with differences in data continuity and nomenclature across median lines A companion volume SP494 Cross Border Themes in Petroleum Geology I The North Sea provides a similar cross border analysis for the North Sea Basin across the offshore boundaries of Germany the Netherlands Norway and the UK Cross Border Themes in Petroleum Geology II Atlantic Margin and Barents Sea will be a valuable reference for every geoscientist working in the Atlantic Margin and the Barents Sea for years to come

Which Degree in Britain, 1999 A comprehensive guide to full time degree courses institutions and towns in Britain

Petroleum Geoscience Jon G. Gluyas, Richard E. Swarbrick, 2013-04-25 Petroleum Geoscience is a comprehensive introduction to the application of geology and geophysics to the search for and production of oil and gas Uniquely this book is structured to reflect the sequential and cyclical processes of exploration appraisal development and production Chapters dedicated to each of these aspects are further illustrated by case histories drawn from the authors experiences Petroleum Geoscience has a global and geo temporal backdrop drawing examples and case histories from around the world and from petroleum systems ranging in age from late Pre Cambrian to Pliocene In order to show how geoscience is integrated at all levels within the industry the authors stress throughout the links between geology and geophysics on the one hand and drilling reservoir engineering petrophysics petroleum engineering facilities design and health safety and the environment on the other Petroleum Geoscience is designed as a practical guide with the basic theory augmented by case studies from a wide spread of geographical locations Covers all the key aspects of the origin of petroleum exploration and production It takes account of the modern emphasis on the efficient utilisation of reserves on new methods in exploration such as 3 D seismics Book takes value chain approach to

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