

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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,1981 Guide to Geoscience Departments in the United States and Canada ,1998 **Petroleum Geology** Anthony G.

Doré,B. A. Vining,2005 Accompanying DVD ROM includes links between the text and an extensive selection of core

photographs and seismic animations illustrating the many exploration models described Petroleum Sedimentology

Winfried Zimmerle,1995-04-30 Knowledge of the principles and methods of petroleum sedimentology is essential for oil and gas exploration and exploitation This book is designed as an introductory text for students in petroleum geology and applied sedimentology as well as a useful companion for advanced technicians explorationists geophysicists and petroleum engineers

Source rock lithology and type of trap define the quality of a hydrocarbon accumulation This interrelationship is exemplified by seven case histories worldwide NW Europe Saudi Arabia U S A Mexico CIS China Moreover successful exploitation and enhanced oil recovery often depend on an adequate knowledge of the sedimentology of a reservoir Photographs illustrate macroscopic and microscopic aspects of source rocks as well as reservoir sandstones and limestones that are most important for hydrocarbon exploration A comprehensive list of references encourages further study The Directory of Graduate Studies ,1999 Carbonate Rock Depositional Models Albert V. Carozzi,1989 *Journal of Petroleum Technology* ,2004

The Log Analyst ,1999 Principles of Sedimentary Deposits Gerald M. Friedman,John Essington Sanders,David C.

Kopaska-Merkel,1992 Sedimentology and stratigraphy are covered in unprecedented depth in this updated and dynamic follow up to Principles of sedimentology regarded since its publication in 1978 as the definitive text in the field Suitable for advanced undergraduate and graduate students this new text encompasses a contemporary global view of sedimentary deposits The most recent data on such increasingly important topics as seismic stratigraphy and sequence stratigraphy process sedimentology facies patterns extraterrestrial forcing functions basin analysis and plate tectonics are explored The text's structure and organization accommodate a complete treatment of both sedimentology and stratigraphy and presents them in a historical context Indiana University Bulletin ,1994 Geomorphology for Engineers P. G. Fookes,E. Mark

Lee,George Clinton Milligan,2005-04 This book presents a comprehensive view of geomorphology for engineers and other professionals involved in near surface engineering problems associated with various landscapes It is a key reference work for practitioners and academics in civil geotechnical foundation engineering soil and rock mechanics and engineering geology It will also appeal to post graduates in geomorphology civil engineering and geohydrology as well as practising physical geographers and geologists

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