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# Schlumberger Dipmeter Interpretation

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Basics of Dipmeter Interpretation  
Fracture and In-situ Stress Characterization of Hydrocarbon Reservoirs  
Geologic Report for the Gulf of Alaska Planning Area  
Well Logging for Earth Scientists  
Well Logging and Geology  
Compaction of Coarse-Grained Sediments, I  
Well Logging Handbook  
Fundamentals of Dipmeter Interpretation  
The AI Business  
Interpretation of Continuous Dipmeter Surveys  
Dipmeter and Borehole Image Log Technology  
MMS.  
Dipmeter Interpretation  
Fundamentals of Dipmeter Interpretation  
Faulting, Fracturing and Igneous Intrusion in the Earth's Crust  
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Sand and Sandstone  
Encyclopedia of Geology  
Geological Well Logs  
Introduction to Applied Geophysics  
Geologic Report for the Norton Basin Planning Area, Bering Sea, Alaska  
The Acquisition of Logging Data  
3-D Structural Geology  
Proceedings of the Ocean Drilling Program  
Dipmeter Interpretation  
Fundamentals of Dipmeter Interpretations

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Interpretation*

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## **GORDON KENDRA**

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### **Basics of Dipmeter Interpretation**

AAPG

This book is one in a series of three books by the authors on various aspects of well logging, with the final book to be on reservoir evaluation. The book departs from traditional log analysis books in that it has a very strong emphasis on geologic principles with an extensive review of the processes that influence hydrocarbon accumulations. The chapters are written in

a stand-alone format. This book is beautifully illustrated with colored plots, charts, and block diagrams on virtually every page.

*Fracture and In-situ Stress*

*Characterization of Hydrocarbon*

*Reservoirs* Academic Press

Following the success of the Drilling Data Handbook, Editions Technip has designed this book to cover the well logging principles and its applications. This well logging handbook first edition starts with a summary on geology and petrophysics focusing mainly on its applications. The wide range of logging measurements and

applications is covered through eleven sections, each of them organized into four chapters. All in all, this is a strongly-bound, user-friendly book with useful information for those involved in all aspects and applications of well-logging. The paging is notched and externally labelled alphabetically to allow a quick access.

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Geological significance of anomalies 17 1. 4. Rock densities 19 1. 4. 1. Natural rock densities 20 1. 4. 2. Rock density determination 22 1. 4. 3. Determination of density characteristics 25 25 1. 5. Gravity observations 26 1. 5. 1. Instruments for absolute gravity observations 1. 5. 2. *Geologic Report for the Gulf of Alaska Planning Area* Elsevier Expert systems; Work and play; Robotics; Today and tomorrow. Well Logging for Earth Scientists Elsevier The book includes new material, in particular examples of 3-D models and techniques for using kinematic models to predict fault and ramp-anticline geometry. The book is geared toward the professional user concerned about the accuracy of an interpretation and the speed with which it can be obtained from incomplete data. Numerous analytical solutions are given that can be easily implemented with a pocket calculator or a spreadsheet.

**Well Logging and Geology** Springer Science & Business Media The Acquisition of Logging Data **Compaction of Coarse-Grained Sediments, I** Geological Society of

London Schlumberger Fundamentals of Dipmeter Interpretation Fundamentals of Dipmeter Interpretations Schlumberger Dipmeter Interpretation Dipmeter Interpretation Dipmeter interpretation. Volume I, Fundamentals Fundamentals of Dipmeter Interpretation Dipmeter Interpretation Basics of Dipmeter Interpretation Dipmeter Interpretation The Acquisition of Logging Data Elsevier Well Logging Handbook Editions OPHRYS The first edition appeared fourteen years ago. Since then there have been significant advances in our science that warrant an updating and revision of Sand and Sandstone. The main framework of the first edition has been retained so that the reader can begin with the mineralogy and textural properties of sands and sandstones, progress through their organization and classification and their study as a body of rock, to consideration of their origin-prove nance, transportation, deposition, and lithification-and finally to their place in the stratigraphic column and the basin. The last decade has seen the rise of facies analysis based on a closer

look at the stratigraphic record and the recognition of characteristic bedding sequences that are the signatures of some geologic process—such as a prograding shallow-water delta or the migration of a point bar on an alluvial floodplain. The environment of sand deposition is more closely determined by its place in such depositional systems than by criteria based on textural characteristics—the “fingerprint” approach. Our revision reflects this change in thinking. As in the geological sciences as a whole, the concept of plate tectonics has required a rethinking of our older ideas about the origin and accumulation of sediments—especially the nature of the sedimentary basins.

#### Fundamentals of Dipmeter Interpretation

Springer Science & Business Media

Over the past five years there have been many advances in the field of basin analysis. Developments such as the publication of new stratigraphic codes; new research in fission-track dating; evolution of thought regarding the importance of tectonic versus eustatic controls of regional and global cycles; and refinements of geophysically-based, basin-

subsidence models have necessitated the publication of a second edition of *Principles of Sedimentary Basin Analysis*. Like the first edition, this book emphasizes the stratigraphic evidence which geologists can actually see in outcrops, well records, and core samples and can gather using geophysical techniques. *Principles of Sedimentary Basin Analysis* is both an excellent text for students and a practical handbook for professional geologists.

The AI Business Springer Science & Business Media

These three works cover the entire field of formation evaluation, from basic concepts and theories, through standard methods used by the petroleum industry, on to new and exciting applications in environmental science and engineering, hydrogeology, and other fields. Designed to be used individually or as a set, these volumes represent the first comprehensive assessment of all exploration methodologies. No other books offer the breadth of information and range of applications available in this set. The first volume, *Introduction to Geophysical Formation Evaluation*, is the perfect

introductory reference for environmental professionals without previous training in the field. It explains the fundamentals of geophysical exploration and analysis, illuminates the underlying theories, and offers practical guidance on how to use the available methodologies. General information on material behavior, porosity, tortuosity, permeability, cores, resistivity, radioactivity, and more provides a solid foundation for more advanced studies. The second volume, *Standard Methods of Geophysical Formation Evaluation* builds on the basic precepts presented in the first work but can be used alone as a self-contained reference. It covers all the petroleum-oriented standard methods which, until recently, have comprised the majority of applications of geophysical formation evaluation. It also points out non-hydrocarbon uses of petroleum methods. This volume provides complete practical information and instructions on using the standard exploration and evaluation methods. It presents comprehensive, painstakingly detailed instructions for resistivity, radiation, and acoustic methods. The third volume, *Non-Hydrocarbon Methods of Geophysical*

Formation Evaluation, discusses uses of formation evaluation in environmental science and engineering, hydrogeology, and other fields outside the petroleum industry, and demonstrates how the standard methods can be adapted to these non-hydrocarbon purposes. It presents step-by-step instructions for photon, magnetic, nuclear, and acoustic methods of exploration, and gives special attention to the analytical techniques used in non-hydrocarbon exploration.

Individually, each book is a complete, stand-alone reference on an important area of this changing field. Together, the three volumes provide the most complete practical compendium available on all aspects of formation evaluation.

*Interpretation of Continuous Dipmeter Surveys* Cambridge, Mass. : MIT Press  
 Compaction of Coarse-Grained Sediments, I

### **Dipmeter and Borehole Image Log Technology** CRC Press

This second volume on carbonate reservoirs completes the two-volume treatise on this important topic for petroleum engineers and geologists. Together, the volumes form a complete,

modern reference to the properties and production behaviour of carbonate petroleum reservoirs. The book contains valuable glossaries to geologic and petroleum engineering terms providing exact definitions for writers and speakers. Lecturers will find a useful appendix devoted to questions and problems that can be used for teaching assignments as well as a guide for lecture development. In addition, there is a chapter devoted to core analysis of carbonate rocks which is ideal for laboratory instruction. Managers and production engineers will find a review of the latest laboratory technology for carbonate formation evaluation in the chapter on core analysis. The modern classification of carbonate rocks is presented with petroleum production performance and overall characterization using seismic and well test analyses. Separate chapters are devoted to the important naturally fractured and chalk reservoirs. Throughout the book, the emphasis is on formation evaluation and performance. This two-volume work brings together the wide variety of approaches to the study of carbonate reservoirs and will therefore be of value to managers,

engineers, geologists and lecturers.

**MMS.** Springer Science & Business Media  
 Here is a state-of-the-art survey of artificial intelligence in modern exploration programs. Focussing on standard exploration procedures, the contributions examine the advantages and pitfalls of using these new techniques, and, in the process, provide new, more accurate and consistent methods for solving old problems. They show how expert systems can provide the integration of information that is essential in the petroleum industry when solving the complicated questions facing the modern petroleum geoscientist.  
[Dipmeter Interpretation](#) Elsevier Science Limited

"The aim of this book is to provide students, trainees and engineers with a manual covering all well-logging measurements ranging from drilling to production, from oil to minerals going by way of geothermal energy. Each chapter is necessarily a summary, especially in the field of conventional measurements which are effectively described by service companies and some authors, but each topic can be followed further by means of the bibliographic lists which give the best

references in each field."--Preface  
*Fundamentals of Dipmeter Interpretation*  
 Technip Editions  
 Encyclopedia of Geology, Second Edition  
 presents in six volumes state-of-the-art  
 reviews on the various aspects of geologic  
 research, all of which have moved on  
 considerably since the writing of the first  
 edition. New areas of discussion include  
 extinctions, origins of life, plate tectonics  
 and its influence on faunal provinces, new  
 types of mineral and hydrocarbon  
 deposits, new methods of dating rocks,  
 and geological processes. Users will find  
 this to be a fundamental resource for  
 teachers and students of geology, as well  
 as researchers and non-geology  
 professionals seeking up-to-date reviews  
 of geologic research. Provides a  
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 technical jargon used in the field  
 Highlights connections between geology  
 and other physical and biological sciences,  
 tackling research problems that span  
 multiple fields Fills a critical gap of  
 information in a field that has seen  
 significant progress in past years Presents

an ideal reference for a wide range of  
 scientists in earth and environmental  
 areas of study  
*Faulting, Fracturing and Igneous Intrusion  
 in the Earth's Crust* Geological Society of  
 London  
 The first edition of this book demystified  
 the process of well log analysis for  
 students, researchers and practitioners. In  
 the two decades since, the industry has  
 changed enormously: technical staffs are  
 smaller, and hydrocarbons are harder to  
 locate, quantify, and produce. New drilling  
 techniques have engendered new  
 measurement devices incorporated into  
 the drilling string. Corporate restructuring  
 and the "graying" of the workforce have  
 caused a scarcity in technical competence  
 involved in the search and exploitation of  
 petroleum. The updated 2nd Edition  
 reviews logging measurement technology  
 developed in the last twenty years, and  
 expands the petrophysical applications of  
 the measurements.  
[Encyclopedia of Well Log...](#) Springer  
 Science & Business Media  
 Logging has come a long way from the  
 simple electrical devices of the early  
 years. Today's tools are considerably more

accurate and are used for an increasingly  
 diverse number of tasks. Among these are  
 tools that characterise geological  
 properties of rocks in the borehole.  
 Combined with new technology to drill  
 deviated wells, the geoscientist now has  
 tools which allow him to characterise and  
 develop reservoirs more accurately than  
 ever. This book, written for researchers,  
 graduate students and practising  
 geoscientists, documents these  
 techniques and illustrates their use in a  
 number of typical case studies.  
**Sand and Sandstone** Editions OPHRYS  
 Regional, petroleum and shallow geology  
 of the Gulf of Alaska geological province,  
 including geohazards (earthquakes,  
 vulcanism, extreme climatic factors) and  
 environmental conditions. Includes  
 historical data on hydrocarbon exploration  
 and development.  
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Acquisition of Logging Data  
Geologists have long grappled with understanding the mechanical origins of rock deformation. Stress regimes control the nucleation, growth and reactivation of faults and fractures; induce seismic activity; affect the transport of magma; and modulate structural permeability, thereby influencing the redistribution of hydrothermal and hydrocarbon fluids. Experimentalists endeavour to recreate

deformation structures observed in nature under controlled stress conditions. Earth scientists studying earthquakes will attempt to monitor or deduce stress changes in the Earth as it actively deforms. All are building upon the pioneering research and concepts of Ernest Masson Anderson, dating back to the start of the twentieth century. This volume celebrates Anderson's legacy, with 14 original research papers that examine faulting and seismic hazard; structural inheritance; the role of local and regional stress fields; low angle faults and the role

of pore fluids; supplemented by reviews of Andersonian approaches and a reprint of his classic paper of 1905--  
**Geological Well Logs** Elsevier  
Borehole imaging is among the fastest and most accurate methods for collecting high resolution subsurface data. Recent breakthroughs in acquisition, tool design, and modeling software provide real-time subsurface images of incredible detail, from the drill bit straight to a workstation. This text portrays key applications of dipmeter and image log data across the exploration and production life cycle.

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