

Basic
Well Log Analysis
For Geologists

By: George Asquith
With: Charles Gibson

The American Association of Petroleum Geologists

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The American Association of Petroleum Geologists

Basic Well Log Analysis For Geologists

Oberto Serra



Basic Well Log Analysis For Geologists:

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Geological Well Logs S. Luthi, 2013-03-14 When I joined Schlumberger in 1982 I was surprised to find very few geologists in the company and the few there were worked more as log analysts than geologists. The reason for this became soon clear to me. Except for the dipmeter there was no tool and no other service that was considered geological. Schlumberger geologists were supposed to work with dipmeters and if they had a taste for it the natural gamma ray spectroscopy logs. It turned out that my timing was fortunate. At Schlumberger's research center in Ridgefield Connecticut a prototype electrical imaging tool had been designed and after having spent three years in the Middle East I was transferred there. The first field test results were just coming in and the images were startling. We could see geological details that nobody had ever seen from a log: cross beds, unconformities, pebbles, fractures, folds, faults. No cores were needed to confirm the reality of these data; they were too real to be artifacts. Field Methods for Geologists and Hydrogeologists Fakhry A. Assaad, James W.

LaMoreaux, Travis Hughes, 2013-03-09 This book is designed for scientists and engineers who want practical information to plan, manage, write and review geologic and hydrologic projects and reports. It provides step by step methods to prepare more timely, readable and technically accurate reports. Detailed guidelines are provided to prepare the different subjects included in this book. Source references, project proposals and checklists are included to assist authors. The use of the techniques described in this book will result in less time spent in report writing, editing, rewriting and review which will save time and money. This book is the result of nearly 50 years of experience in program and project development in the field of hydrogeology. The two main authors, P. E. LaMoreaux and Fakhry Assaad, who submitted both the idea and the major subjects of the book, have been closely associated during this period with the Geological Survey of Egypt, the General Desert Development Organization in Egypt, the U.S. Geological Survey (USGS), the Geological Survey of Alabama, the University of Alabama and in a great variety of consulting projects in different States of America and over the world. It is based on experience from the assignment and supervision of many professionals with a great variety of academic training and experience.

Well Logging for Earth Scientists Darwin V. Ellis, Julian M. Singer, 2008-06-18 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. **Well Logging Handbook** Oberto Serra, 2008 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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