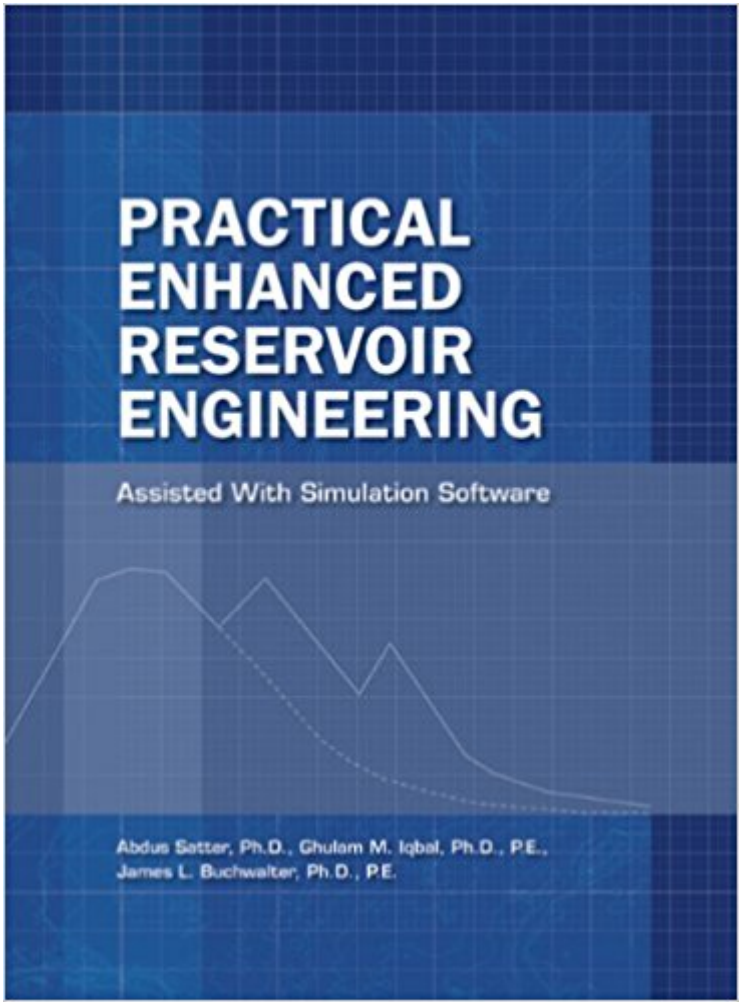
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Practical Enhanced Reservoir Engineering: Assisted With Simulation Software



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Synopsis

This book is intended to be a reservoir engineering book for college students, but it is not the usual college textbook. It is a modern and very practical guide offering reservoir engineering fundamentals, advanced reservoir related topics, reservoir simulation fundamentals, and problems and case studies from around the world.Ã Â It offers all this information with guidelines on how to assist these processes with the use of simulation software (software not included).Ã Â It is designed to aid students and professionals alike in their active and important roles throughout the reservoir life cycle (discovery, delineation, development, production, and abandonment), and in the various phases of the reservoir management process (setting strategy, developing plan, implementing, monitoring, evaluating, and completing).

Book Information

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Customer Reviews

Dr. Abdus Satter is the president of Satter and Associates, which was formed in Houston upon his retirement from Texaco as Senior Research Consultant. He has four decades of worldwide, diversified experience and expertise in reservoir engineering, reservoir simulator development and applications, water flood, enhanced recovery techniques and reservoir studies and operations. He has numerous publications in these areas. He has been involved in reservoir management projects in the US, UK, Cameroon, Denmark, Indonesia, Nigeria, Trinidad, and others. In addition to his PennWell Publishing Company book on Computer-Assisted Reservoir Management (2000), he wrote Integrated Petroleum Reservoir Management (1994), and Integrated Water flood Asset

Management (1998) books. PennWell Books is publishing his book on Practical and Enhanced Reservoir Engineering: Assisted with Simulation Software.Throughout his career he has been very active in technology transfer, teaching and training. He was responsible for developing and managing Texaco’s successful Integrated Reservoir Management Training Program, drawing industry and academic attention.. He was a 1996-97 SPE Distinguished Lecturer on Integrated Reservoir Management. He is again a 2002-03 SPE Distinguished Lecturer on Asset Management throughout the Reservoir Life Cycle. He is an SPE Distinguished Member. He holds a BSc degree in Mechanical Engineering from the University of Dhaka, PE, and MS degrees in Petroleum Engineering from the Colorado School of Mines and a PhD degree in Engineering Science from the University of Oklahoma.Dr. Ghulam Iqbal received his M.S. and Ph.D. in Petroleum Engineering from the University of Oklahoma. He is a registered professional engineer in the state of California and has decades of experience in reservoir engineering and simulation, model development of fluid flow systems, data integration, information technology, environmental issues, multi-disciplinary teamwork and oilfield asset management. Author of many technical publications, Dr. Iqbal has conducted several hands-on workshops overseas for oil and gas professionals on reservoir engineering, asset management and petroleum basin modeling under the U.S. Agency for International Development program.

This is your general reference book on reservoir simulation. It is mostly up to date (and certainly newer than most other reference books on the topic of reservoir simulation). I purchased this book in the hopes that it may have examples from the Merlin reservoir simulator (from Gemini Solutions; Buchwalter himself is one of the developers). Unfortunately, there were only a few screenshots from the Merlin simulator. The examples in this book may prove to be helpful in lack of data.One redeeming quality of this book is the content you find in the discussion paragraphs that precede and follow the equations and calculations. These discussion areas provide the real "practicality" that’s needed in reservoir simulation.

Excellent book

This book is easy to read and understand. It helped me pass my interview and get a great job in a big oil and Gas company

This one delivers as promised. Comprehensive, detailed, and easily read. I wish I had this book 25

years ago.

I WILL DEFINITELY RECOMMEND THIS BOOK TO MA BEST BUDDY. IT IS SO REALISTIC...IT TAKESTHROUGH THE NITTY GRITTY OF BASIC RESERVOIR ENGINEERING.

I'm a Chemical Engineering student and I was required to purchase this book for a masters level course (I'm still going for a Bachelors). This book is great, it is widely considered as the encyclopedia for Petroleum Engineering and it was only published a few months ago. Great book, everything is explained in here and there are plenty of examples.

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