1. Record Nr. UNINA9911006497003321

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Titolo	Practical enhanced reservoir engineering : assisted with simulation software / / Abdus Satter, Ghulam M. Iqbal, James L. Buchwalter
Pubbl/distr/stampa	Tulsa, Okla., : PennWell Corp., c2008
ISBN	1-61583-813-9
Descrizione fisica	1 online resource (708 p.)
Altri autori (Persone)	IqbalGhulam M BuchwalterJames L
Disciplina	622/.3382
Soggetti	Petroleum - Geology - Data processing Petroleum engineering - Data processing Oil reservoir engineering - Data processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	""Contents""; ""PREFACE""; ""ACKNOWLEDGMENTS""; ""Index""
Sommario/riassunto	This book is intended to be a reservoir engineering book for college students, but itas not the usual college text book. 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. 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). Benefits & Features: The authors bring to this book their life-long experience and expertise in reservoir engineering and simulation techniques and practice. The goal is to present a comprehensive book, starting from basic principles and leading to real-life reservoir management aided by simulation. This practical book explores the functions of reservoir engineers, and how they analyze, think and work in real life situations. It presents: a[Rock and fluid properties, fluid flow principles, well test analysis, and reservoir performance analysis techniques. a[New topics such as reserves, reservoir economics, risk and uncertainties,

probabilistic methods, and recovery processes. a[Role of reservoir simulation models in enhancing basic reservoir engineering concepts and practice. Computer-based tools, including reservoir simulation, are used extensively in this book to illustrate various concepts related to reservoir engineering. Finally, the book offers class projects where thestudents can apply what they have learned to treat their problems. This book will serve the students and the industry well.