



Advanced Reservoir Management and Engineering, Second Edition

By Tarek Ahmed PhD PE, Nathan Meehan

Download now

Read Online ➔

Advanced Reservoir Management and Engineering, Second Edition By
Tarek Ahmed PhD PE, Nathan Meehan

Reservoir management is concerned with the geoscience and reservoir/production engineering required to plan and optimize the development of discovered or producing oil and gas assets. One of the only books to cover both management and engineering issues, *Advanced Reservoir Management and Engineering* is redesigned to be the only book you need throughout your career. Written by two of the industry's best-known and well respected reservoir engineers and managers, this new edition offers readers a complete guide for formulating workflow solutions on a day to day bases.

Authoritative in its approach, the book begins with the theory and practice of transient flow analysis and offers a brief but thorough hands-on guide to gas and oil well testing. Chapter two documents water influx models and their practical applications in conducting comprehensive field studies, widely used throughout the industry. Essential topics such as Type-Curve Analysis, unconventional gas reservoirs, and gas hydrates are also covered. The book moves on to provide a clear exposition of key economic and financial management methods for evaluation criteria and cash flow analysis, analysis of fixed capital investments and advanced evaluation approaches. This is followed by a frank discussion of advanced evaluation approaches such as integration of decision analysis and professional ethics.

Readers will find the website a valuable guide for enhancing their understanding of different techniques used for predicting reservoir performance and cost. The website will also include information such as properties, tables and simple calculations. This combination book and website arrangement will prove particularly useful to new professionals interested in increasing their skills or more experienced professional wishing to increase their knowledge of current industry best practices.

The 2nd Edition of the book includes 3 new management chapters, representing a 30% increase over the previous edition. The new subjects include step by step approach to cash flow analysis, analysis of fixed capital investments, cash flow consequences, maintenance as well as a detailed approach to managing working

capital. This is followed by a clear exposition of advanced evaluation approaches such as integration of decision analysis and economic evaluation and professional ethics.

- Maximize cash flow, subject to capital and operating budget
- Deliver new high-quality investment opportunities to management
- Effectively manage the development of oil and gas assets
- Maximize the benefit to the legitimate stakeholders

 [**Download** Advanced Reservoir Management and Engineering, Sec
...pdf](#)

 [**Read Online** Advanced Reservoir Management and Engineering, S
...pdf](#)

Advanced Reservoir Management and Engineering, Second Edition

By Tarek Ahmed PhD PE, Nathan Meehan

Advanced Reservoir Management and Engineering, Second Edition By Tarek Ahmed PhD PE, Nathan Meehan

Reservoir management is concerned with the geoscience and reservoir/production engineering required to plan and optimize the development of discovered or producing oil and gas assets. One of the only books to cover both management and engineering issues, Advanced Reservoir Management and Engineering is redesigned to be the only book you need throughout your career. Written by two of the industry's best-known and well respected reservoir engineers and managers, this new edition offers readers a complete guide for formulating workflow solutions on a day to day bases.

Authoritative in its approach, the book begins with the theory and practice of transient flow analysis and offers a brief but thorough hands-on guide to gas and oil well testing. Chapter two documents water influx models and their practical applications in conducting comprehensive field studies, widely used throughout the industry. Essential topics such as Type-Curve Analysis, unconventional gas reservoirs, and gas hydrates are also covered. The book moves on to provide a clear exposition of key economic and financial management methods for evaluation criteria and cash flow analysis, analysis of fixed capital investments and advanced evaluation approaches. This is followed by a frank discussion of advanced evaluation approaches such as integration of decision analysis and professional ethics.

Readers will find the website a valuable guide for enhancing their understanding of different techniques used for predicting reservoir performance and cost. The website will also include information such as properties, tables and simple calculations. This combination book and website arrangement will prove particularly useful to new professionals interested in increasing their skills or more experienced professional wishing to increase their knowledge of current industry best practices.

The 2nd Edition of the book includes 3 new management chapters, representing a 30% increase over the previous edition. The new subjects include step by step approach to cash flow analysis, analysis of fixed capital investments, cash flow consequences, maintenance as well as a detailed approach to managing working capital. This is followed by a clear exposition of advanced evaluation approaches such as integration of decision analysis and economic evaluation and professional ethics.

- Maximize cash flow, subject to capital and operating budget
- Deliver new high-quality investment opportunities to management
- Effectively manage the development of oil and gas assets
- Maximize the benefit to the legitimate stakeholders

Advanced Reservoir Management and Engineering, Second Edition By Tarek Ahmed PhD PE, Nathan Meehan
Bibliography

- Sales Rank: #1246208 in Books

- Published on: 2011-10-12
- Original language: English
- Number of items: 1
- Dimensions: 1.30" h x 7.60" w x 9.30" l, 2.85 pounds
- Binding: Hardcover
- 712 pages

 [Download Advanced Reservoir Management and Engineering, Sec ...pdf](#)

 [Read Online Advanced Reservoir Management and Engineering, S ...pdf](#)

Download and Read Free Online Advanced Reservoir Management and Engineering, Second Edition By Tarek Ahmed PhD PE, Nathan Meehan

Editorial Review

From the Back Cover

Reservoir management is concerned with the geoscience and reservoir/production engineering required to plan and optimize the development of discovered or producing oil and gas assets. One of the only books to cover both management and engineering issues, Advanced Reservoir Management and Engineering is redesigned to be the only book you need throughout your career. Written by two of the industry's best-known and well respected reservoir engineers and managers, this new edition offers readers a complete guide for formulating workflow solutions on a day to day bases.

Authoritative in its approach, the book begins with the theory and practice of transient flow analysis and offers a brief but thorough hands-on guide to gas and oil well testing. Chapter two documents water influx models and their practical applications in conducting comprehensive field studies, widely used throughout the industry. Essential topics such as Type-Curve Analysis, unconventional gas reservoirs, and gas hydrates are also covered. The book moves on to provide a clear exposition of key economic and financial management methods for evaluation criteria and cash flow analysis, analysis of fixed capital investments and advanced evaluation approaches. This is followed by a frank discussion of advanced evaluation approaches such as integration of decision analysis and professional ethics.

About the Author

Tarek Ahmed, Ph.D., P.E., is currently Founder of Tarek Ahmed and Associates, Ltd., a consulting firm that specializes in in-house petroleum engineering courses and consulting services worldwide. Prior to that, he was a Reservoir Engineering Advisor for Anadarko, Baker Hughes, and Gaffney, Cline and Associates and was a Professor and head of the Petroleum Engineering Department at Montana Tech of the University of Montana for 22 years. He earned his PhD from University of Oklahoma, his Masters from the University of Missouri-Rolla, and a BS from the Faculty of Petroleum in Egypt - all degrees in petroleum engineering. Dr. Ahmed has authored numerous papers and several successful books with Elsevier, including Reservoir Engineering Handbook, 4th Edition.

Users Review

From reader reviews:

Christopher Patterson:

Why don't make it to become your habit? Right now, try to ready your time to do the important behave, like looking for your favorite reserve and reading a book. Beside you can solve your trouble; you can add your knowledge by the reserve entitled Advanced Reservoir Management and Engineering, Second Edition. Try to make book Advanced Reservoir Management and Engineering, Second Edition as your close friend. It means that it can to be your friend when you really feel alone and beside regarding course make you smarter than before. Yeah, it is very fortunated for you. The book makes you a lot more confidence because you can know everything by the book. So , let's make new experience as well as knowledge with this book.

Jerry Orosco:

Typically the book Advanced Reservoir Management and Engineering, Second Edition has a lot info on it. So when you check out this book you can get a lot of benefit. The book was compiled by the very famous author. This articles author makes some research prior to write this book. That book very easy to read you can find the point easily after reading this book.

Philip Mejia:

You could spend your free time to study this book this reserve. This Advanced Reservoir Management and Engineering, Second Edition is simple to develop you can read it in the area, in the beach, train as well as soon. If you did not have much space to bring the printed book, you can buy the actual e-book. It is make you better to read it. You can save the actual book in your smart phone. Therefore there are a lot of benefits that you will get when you buy this book.

Jerry Blair:

Many people spending their period by playing outside together with friends, fun activity using family or just watching TV the entire day. You can have new activity to invest your whole day by looking at a book. Ugh, think reading a book can definitely hard because you have to bring the book everywhere? It ok you can have the e-book, delivering everywhere you want in your Cell phone. Like Advanced Reservoir Management and Engineering, Second Edition which is obtaining the e-book version. So , try out this book? Let's find.

Download and Read Online Advanced Reservoir Management and Engineering, Second Edition By Tarek Ahmed PhD PE, Nathan Meehan #ZCXKTOS4BG8

Read Advanced Reservoir Management and Engineering, Second Edition By Tarek Ahmed PhD PE, Nathan Meehan for online ebook

Advanced Reservoir Management and Engineering, Second Edition By Tarek Ahmed PhD PE, Nathan Meehan Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Advanced Reservoir Management and Engineering, Second Edition By Tarek Ahmed PhD PE, Nathan Meehan books to read online.

Online Advanced Reservoir Management and Engineering, Second Edition By Tarek Ahmed PhD PE, Nathan Meehan ebook PDF download

Advanced Reservoir Management and Engineering, Second Edition By Tarek Ahmed PhD PE, Nathan Meehan Doc

Advanced Reservoir Management and Engineering, Second Edition By Tarek Ahmed PhD PE, Nathan Meehan Mobipocket

Advanced Reservoir Management and Engineering, Second Edition By Tarek Ahmed PhD PE, Nathan Meehan EPub

ZCXKTOS4BG8: Advanced Reservoir Management and Engineering, Second Edition By Tarek Ahmed PhD PE, Nathan Meehan