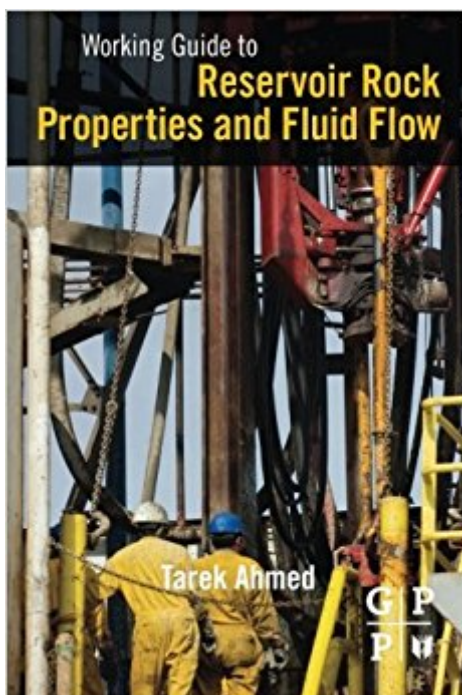


The book was found

Working Guide To Reservoir Rock Properties And Fluid Flow



Synopsis

Working Guide to Reservoir Rock Properties and Fluid Flow provides an introduction to the properties of rocks and fluids that are essential in petroleum engineering. The book is organized into three parts. Part 1 discusses the classification of reservoirs and reservoir fluids. Part 2 explains different rock properties, including porosity, saturation, wettability, surface and interfacial tension, permeability, and compressibility. Part 3 presents the mathematical relationships that describe the flow behavior of the reservoir fluids. The primary reservoir characteristics that must be considered include: types of fluids in the reservoir, flow regimes, reservoir geometry, and the number of flowing fluids in the reservoir. Each part concludes with sample problems to test readers knowledge of the topic covered.

Critical properties of reservoir rocks
Fluid (oil, water, and gas) PVT relationships
Methods to calculate hydrocarbons initially in place
Dynamic techniques to assess reservoir performance
Parameters that impact well/reservoir performance over time

Book Information

Paperback: 300 pages

Publisher: Gulf Professional Publishing; 1 edition (September 30, 2009)

Language: English

ISBN-10: 1856178250

ISBN-13: 978-1856178259

Product Dimensions: 6 x 0.6 x 9 inches

Shipping Weight: 1 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #3,090,307 in Books (See Top 100 in Books) #46 in Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Alternative & Renewable > Hydroelectric #772 in Books > Engineering & Transportation > Engineering > Chemical > Fluid Dynamics #959 in Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Fossil Fuels > Petroleum

[Download to continue reading...](#)

Working Guide to Reservoir Rock Properties and Fluid Flow Viscous Fluid Flow (McGraw-Hill Mechanical Engineering) Breakout: The Chosin Reservoir Campaign, Korea 1950 Reservoir Geomechanics Flow and Contaminant Transport in Fractured Rock Working With Independent Contractors (Working with Independent Contractors: The Employer's Legal Guide) Student Solutions Manual and Study Guide to accompany Fundamentals of Fluid Mechanics, 5th Edition

Fighting for Total Person Unionism: Harold Gibbons, Ernest Calloway, and Working-Class
Citizenship (Working Class in American History) Learning to Labor: How Working Class Kids Get
Working Class Jobs Rheology of Fluid and Semisolid Foods: Principles and Applications (Food
Engineering Series) Fox and McDonald's Introduction to Fluid Mechanics Fluid Mechanics
Fundamentals and Applications An Introduction to Fluid Dynamics: Principles of Analysis and
Design Fundamentals of Urine and Body Fluid Analysis, 3e A Brief Introduction To Fluid Mechanics
Fluid Mechanics, Sixth Edition Fluid Mechanics with Student Resources DVD Fluid Mechanics,
Second Edition: Volume 6 (Course of Theoretical Physics S) Fluid Mechanics (McGraw-Hill Series
in Mechanical Engineering) Fluid Mechanics (In SI Units)

[Dmca](#)