Record Nr. UNINA9910720064703321 Autore Ganat Tarek Al-Arbi Omar Titolo Modern pressure transient analysis of petroleum reservoirs : a practical view / / Tarek Al-Arbi Omar Ganat Pubbl/distr/stampa Cham, Switzerland: ,: Springer Nature Switzerland AG, , [2023] ©2023 **ISBN** 9783031288890 9783031288883 Edizione [1st ed. 2023.] Descrizione fisica 1 online resource (230 pages) Petroleum Engineering, , 2366-2654 Collana Disciplina 622.338 Soggetti Hydrocarbon reservoirs Petroleum engineering Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references. Nota di contenuto Introduction to Recognized Flow System During Well Testing -- Well Test Concepts -- Well Test Interpretation Workflow -- Well Test Design Workflow -- Types of Well Tests -- The Principle of Superposition --Well Testing Models -- Gas Well Testing -- Practical Aspects of Well Test Interpretation. Sommario/riassunto This book covers well testing methods included the latest developments in the field. It explains classic topics in depth, in depth such as layered reservoirs, naturally fractured reservoirs, and wellbore effects, and also newer developments, such as well testing for horizontal wells. This book is perfect reference for junior and senior reservoir, production, and geology engineers, who want to improve their knowledge of well test analysis and current best practices. The book is a valuable addition to any reservoir and production engineer's library.