

1. Record Nr.	UNINA9910842495903321
Autore	Lin Jia'en
Titolo	Proceedings of the International Field Exploration and Development Conference 2023 [[electronic resource]] : Vol. 6 // edited by Jia'en Lin
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	981-9702-56-9
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (1421 pages)
Collana	Springer Series in Geomechanics and Geoengineering, , 1866-8763
Disciplina	622.1828
Soggetti	Geotechnical engineering Petrology Geotechnical Engineering and Applied Earth Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Research on Optimal Design of Bottom Hole Assembly of directional well in Gadin-North Gadin Gas Field -- Critical Length Analysis for Linear Growth of Frictional Resistance of Moving Flexible Screen String in Horizontal Borehole -- Hydrodynamic oscillator mechanism research and field application -- Study on the Error Analysis and Correction Method of Well Deviation Angle Measurement -- Research on Narrow Gap Cementing Technology for Horizontal Wells in Changqing Gas Field -- Optimization technology and application of well structure in leakage risk area of Cangdong Shale oil well -- Numerical simulation of cementing displacement efficiency of rotating liner -- Research and Application of Anti-water Channeling Cementing Technology in Changqing Oilfield -- Numerical Simulation on Water Hammer Pressure Generated by the Slippage of Bridge Plug During Fracturing -- Experiments and 3D numerical simulation study on the vibration characteristics of PDC drill bits during rock breaking -- Preliminary study on oil test and completion technology of over 9000 m deep Wells -- taking Guole X Well as an example -- Development Analysis and Prospect of Continuous Circulation Drilling Technology -- Research and Practice on Sand Control Completion Technology for Heavy Oil Huff and Puff Sand Production Wells in Bohai Bay Y Oilfield -- Study on sidewall collapse failure mechanism of hard and brittle shale.

Sommario/riassunto

This book focuses on reservoir surveillance and management, reservoir evaluation and dynamic description, reservoir production stimulation and EOR, ultra-tight reservoir, unconventional oil and gas resources technology, oil and gas well production testing, and geomechanics. This book is a compilation of selected papers from the 13th International Field Exploration and Development Conference (IFEDC 2023). The conference not only provides a platform to exchange experience, but also promotes the development of scientific research in oil and gas exploration and production. The main audience for the work includes reservoir engineer, geological engineer, enterprise managers, senior engineers as well as students.
