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Autore	Cheng Xiaodong
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Nota di contenuto	Comprehensive practice of sequence stratigraphy techniques and application -- Comprehensive practice of structure analysis and sedimentary facies study -- Comprehensive practice of reservoir prediction and evaluation -- Exploration and evaluation techniques of subtle reservoirs.
Sommario/riassunto	This book covers exploration and evaluation practices for various types of complex reservoirs, and summarizes a series of practical and effective techniques and methods. For example, it shows how, by integrating multiple types of new logging technology, complex reservoir petrophysics evaluation can be performed using high-precision core experiment data and quantitative logging interpretation; and demonstrates how the technology of sporopollen assemblage and palynofacies analysis can improve the time precision of sequence stratigraphy and the quantitative study level of sedimentary facies, respectively. It discusses how reservoir lateral prediction and vertical resolution can be substantially improved by integrating fracture prediction and geostatistical inversion; and presents innovative log

interpretation charts for the lithological identification of metamorphic rocks, e.g. GR-DEN crossplot and Impedance-Resistivity crossplot. To support the main content, the book features a wealth of high-resolution, thin- section images, quantitative illustrations of palynofacies composition, multi-property overlapping map set and quantitative tables. It offers an essential reference guide for researchers in geological exploration and evaluation, and will also appeal to a broad readership, from engineering technicians to advanced graduate students in related areas.