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Descrizione fisica	1 online resource (viii, 350 pages) : illustrations (some color), maps
Collana	Gale eBooks
Disciplina	553.285
Soggetti	Shale gas reservoirs - China - Ih Ju Meng Shale gas - China - Ih Ju Meng China China Yanchang Formation
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter I: Introduction: Section 1: Overview of shale gas -- Section 2: Shale gas resources and exploration status -- Section 3: Trend of shale gas exploration research and related challenges; Chapter II: Formation of Lacustrine Shale Gas in the Ordos Basin: Section 1: Lacustrine shale gas source rocks -- Section 2: Characteristics of lacustrine shale gas -- Section 3: Thermal simulation experiment of hydrocarbon generation of lacustrine shale -- Section 4: Study on kinetics of hydrocarbon generation by lacustrine shale; Chapter III: Lacustrine shale gas reservoir in the Ordos Basin: Section 1: Lacustrine shale gas reservoir and characteristics thereof -- Section 2: Test of lacustrine shale gas reservoirs -- Section 3: Distribution of lacustrine shale gas reservoir -- Section 4: Petrology and pore permeability characteristics of lacustrine shale gas reservoir -- Section 5: Lacustrine shale reservoir evaluation; Chapter IV: Lacustrine shale gas occurrence characteristics: Section 1: Lacustrine shale gas mode of occurrence -- Section 2: Determination method of lacustrine shale gas content -- Section 3: Characteristics of lacustrine shale gas content; Chapter V: Lacustrine shale gas accumulation and its influencing factors: Section 1: Characteristics of shale gas accumulation -- Section 2: Extent of impact of thermal

evolution on the formation of lacustrine shale gas -- Section 3: Impact of fluid pressure on lacustrine shale gas reservoir -- Section 4: Lacustrine shale gas accumulation model and its influencing factors; Chapter VI: Evaluation of lacustrine shale gas resources: Section 1: Lacustrine shale gas resource calculation -- Section 2: The evaluation parameters of lacustrine shale gas reserves -- Section 3: Evaluation on resources in lacustrine shale gas of the southern Ordos Basin -- Section 4: Prospect of prospective areas of lacustrine shale gas exploration in Ordos Basin.

Sommario/riassunto

"[This title] examines the special sedimentation and formation environment based on the actual exploration of lacustrine shale gas. Using the Chang7 black shale of Yanchang formation in Ordos basin as an example, this book deeply dissects the Lacustrine shale geological characteristics and offers fresh insights into Lacustrine shale geochemistry, shale reservoir, hydrocarbon accumulation and resource evaluation." -- Publisher's website.
