

1. Record Nr.	UNINA9910337919803321
Titolo	Advances in Petroleum Engineering and Petroleum Geochemistry : Proceedings of the 1st Springer Conference of the Arabian Journal of Geosciences (CAJG-1), Tunisia 2018 // edited by Santanu Banerjee, Reza Barati, Shirish Patil
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-01578-5
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (189 pages)
Collana	Advances in Science, Technology & Innovation, IEREK Interdisciplinary Series for Sustainable Development, , 2522-8722
Disciplina	622.3382
Soggetti	Geochemistry Geology Physical geography Cogeneration of electric power and heat Fossil fuels Energy storage Earth System Sciences Fossil Fuel Mechanical and Thermal Energy Storage
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Advances in Petrophysical characterization of reservoir rocks -- Enhanced oil recovery methods -- Advances in petroleum exploration and management -- Evaluation of hydrocarbon source potential and petroleum system modeling -- Non-conventional energy resources.
Sommario/riassunto	This edited volume is based on the best papers accepted for presentation during the 1st Springer Conference of the Arabian Journal of Geosciences (CAJG-1), Tunisia 2018. The book is of interest to all researchers in the fields of petroleum engineering, reservoir engineering and petroleum geochemistry. The MENA region accounts for more than 50 percent of the world's hydrocarbon reserves. Despite being the largest oil and gas producer of the world, the MENA countries

face routine problems regarding petroleum engineering, reservoir modelling and production optimization. This volume offers an overview of the latest information and ideas regarding reservoir engineering, petrophysical engineering, petroleum system modelling, non-conventional energy resources and environmental impact of oil production. Main topics include: 1. Advances in petrophysical characterization of reservoir rocks 2. Enhanced oil recovery methods 3. Advances in petroleum exploration and management 4. Evaluation of hydrocarbon source potential and petroleum system modeling 5. Non-conventional energy resources.

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