Special Issue

Advanced Technology in Unconventional Resource Development

Message from the Guest Editors

The development of tight oil reservoirs and other unconventional resources has been attracting increasing attention. Recently, there has been a rising number of works showcasing new and advanced technologies in tight oil research, including seepage law, Interfacial phenomena, production mechanisms, new chemical agent development, and methods to simulate multiphase flow in porous media based on laboratory work and reservoir simulation. This Special Issue on "Advanced Technology in Unconventional Resource Development" seeks high-quality works focusing on the latest methodological and technological advances in the development of tight oil and other unconventional resources. Topics include, but are not limited to, the following:

- Advanced methods in characterizing tight oil reservoirs;
- Multiphase flow in tight oil reservoirs;
- EOR methods in tight oil reservoir development;
- Machine learning or big data application in tight oil reservoir development.

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Editor-in-Chief

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