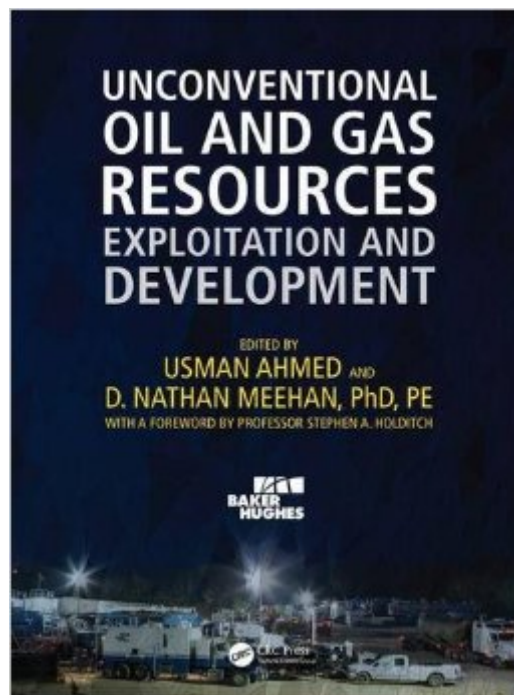


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Unconventional Oil And Gas Resources: Exploitation And Development (Emerging Trends And Technologies In Petroleum Engineering)



Synopsis

As the shale revolution continues in North America, unconventional resource markets are emerging on every continent. In the next eight to ten years, more than 100,000 wells and one- to two-million hydraulic fracturing stages could be executed, resulting in close to one trillion dollars in industry spending. This growth has prompted professionals experienced in conventional oil and gas exploitation and development to acquire practical knowledge of the unconventional realm.

Unconventional Oil and Gas Resources: Exploitation and Development provides a comprehensive understanding of the latest advances in the exploitation and development of unconventional resources. With an emphasis on shale, this book:

- Addresses all aspects of the exploitation and development process, from data mining and accounting to drilling, completion, stimulation, production, and environmental issues
- Offers in-depth coverage of sub-surface measurements (geological, geophysical, petrophysical, geochemical, and geomechanical) and their interpretation
- Discusses the use of microseismic, fiber optic, and tracer reservoir monitoring technologies and JewelSuite's reservoir modeling software
- Presents the viewpoints of internationally respected experts and researchers from leading exploration and production (E&P) companies and academic institutions
- Explores future trends in reservoir technologies for unconventional resources development

Unconventional Oil and Gas Resources: Exploitation and Development aids geologists, geophysicists, petrophysicists, geomechanic specialists, and drilling, completion, stimulation, production, and reservoir engineers in the environmentally safe exploitation and development of unconventional resources like shale.

Book Information

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