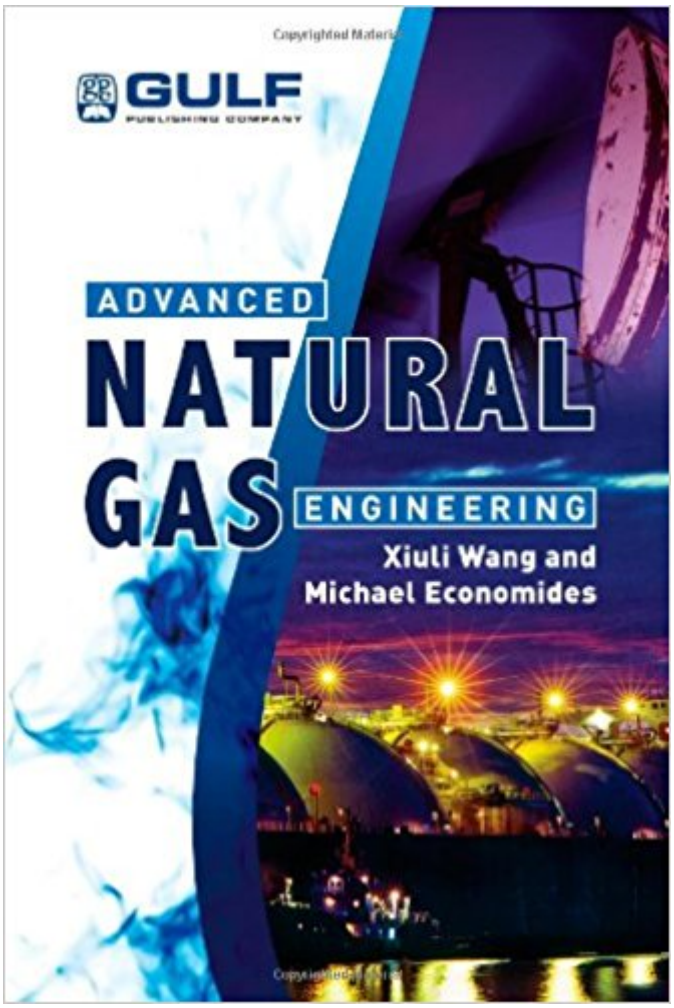
Advanced Natural Gas Engineering



Synopsis

Natural gas is playing an increasing role in meeting world energy demands because of its abundance, versatility, and its clean burning nature. As a result, lots of new gas exploration, field development and production activities are under way, especially in places where natural gas until recently was labeled as â œstranded”. Because a significant portion of natural gas reserves worldwide are located across bodies of water, gas transportation in the form of LNG or CNG becomes an issue as well. Finally natural gas is viewed in comparison to the recently touted alternatives. Therefore, there is a need to have a book covering all the unique aspects and challenges related to natural gas from the upstream to midstream and downstream. All these new issues have not been addressed in depth in any existing book. To bridge the gap, Xiuli Wang and Michael Economides have written a new book called Advanced Natural Gas Engineering. This book will serve as a reference for all engineers and professionals in the energy business. It can also be a textbook for students in petroleum and chemical engineering curricula and in training departments for a large group of companies.

Book Information

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Customer Reviews

Good technical primer for a rather complex subject. This book walks through natural gas exploration, production, and other topics in a concise and easy to understand manner. Nice examples throughout the text with solved solutions. Some engineering knowledge is required prior

to reading such as understanding of fluids, thermodynamics, etc. However, the equations in text are clearly explained, variables are labeled, supporting charts and figures are given. Well organized too. Really a nice primer for an engineer in oil and gas. Only criticism is that some of the topics could have been explored further and another edition with more advanced example problems would be nice. The basic examples are good - But, adding additional examples that are more challenging would reinforce the concepts.

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