



Characterization of an Upper Permian Tight Gas Reservoir: A Multidisciplinary, Multiscale Analysis from the Rotliegend, Northern Germany (Springer Theses)

Philipp Antrett

Download now

[Click here](#) if your download doesn't start automatically

Characterization of an Upper Permian Tight Gas Reservoir: A Multidisciplinary, Multiscale Analysis from the Rotliegend, Northern Germany (Springer Theses)

Philipp Antrett

Characterization of an Upper Permian Tight Gas Reservoir: A Multidisciplinary, Multiscale Analysis from the Rotliegend, Northern Germany (Springer Theses) Philipp Antrett

"The thesis of Philipp Antrett is focused on reservoir properties, petrography, lithofacies and sedimentology, core analysis and nanoporosity studies. It will be of major interest for colleagues involved in the exploration and production of tight gas reservoirs in Northern Europe and elsewhere."

- François Roure, August 2012

This thesis describes a multidisciplinary, multiscale approach to the analysis of tight gas reservoirs. It focused initially on the facies architecture of a Permian tight gas field in the Southern Permian Basin (SPB), East Frisia, northern Germany. To improve field development, 3D seismic data, wireline and core data were compared to a reservoir analogue in the Panamint Valley, California, United States. In addition to the large scale approach, a work flow that investigates microporosity by combining Scanning Electron Microscopy-Broad Ion Beam (SEM-BIB) and optical microscopy was developed. For a better understanding of the depositional environment and reservoir rock distribution in the SPB, a sedimentary facies analysis of four cores from the tight gas field in East Frisia was compared to a second study area in northern central Germany. This study demonstrates that tight gas exploration and production requires multidisciplinary, multiscale approaches beyond standard seismic interpretation work flows to better understand the temporal and spatial evolution of these complex reservoirs.

 [Download Characterization of an Upper Permian Tight Gas Res ...pdf](#)

 [Read Online Characterization of an Upper Permian Tight Gas R ...pdf](#)

Download and Read Free Online Characterization of an Upper Permian Tight Gas Reservoir: A Multidisciplinary, Multiscale Analysis from the Rotliegend, Northern Germany (Springer Theses) Philipp Antrett

From reader reviews:

Amelia Gallup:

The book Characterization of an Upper Permian Tight Gas Reservoir: A Multidisciplinary, Multiscale Analysis from the Rotliegend, Northern Germany (Springer Theses) gives you the sense of being enjoy for your spare time. You need to use to make your capable far more increase. Book can to get your best friend when you getting strain or having big problem together with your subject. If you can make studying a book Characterization of an Upper Permian Tight Gas Reservoir: A Multidisciplinary, Multiscale Analysis from the Rotliegend, Northern Germany (Springer Theses) being your habit, you can get much more advantages, like add your personal capable, increase your knowledge about a few or all subjects. You are able to know everything if you like start and read a guide Characterization of an Upper Permian Tight Gas Reservoir: A Multidisciplinary, Multiscale Analysis from the Rotliegend, Northern Germany (Springer Theses). Kinds of book are several. It means that, science publication or encyclopedia or other people. So , how do you think about this e-book?

Freddie Straughter:

This book untitled Characterization of an Upper Permian Tight Gas Reservoir: A Multidisciplinary, Multiscale Analysis from the Rotliegend, Northern Germany (Springer Theses) to be one of several books in which best seller in this year, this is because when you read this book you can get a lot of benefit onto it. You will easily to buy this kind of book in the book shop or you can order it by using online. The publisher with this book sells the e-book too. It makes you more readily to read this book, as you can read this book in your Smart phone. So there is no reason to you to past this book from your list.

Cheryl Reese:

The book Characterization of an Upper Permian Tight Gas Reservoir: A Multidisciplinary, Multiscale Analysis from the Rotliegend, Northern Germany (Springer Theses) has a lot associated with on it. So when you read this book you can get a lot of benefit. The book was compiled by the very famous author. The author makes some research ahead of write this book. This kind of book very easy to read you can find the point easily after reading this book.

Joan Beverly:

Are you kind of active person, only have 10 or 15 minute in your moment to upgrading your mind talent or thinking skill also analytical thinking? Then you have problem with the book than can satisfy your limited time to read it because all of this time you only find book that need more time to be read. Characterization of an Upper Permian Tight Gas Reservoir: A Multidisciplinary, Multiscale Analysis from the Rotliegend, Northern Germany (Springer Theses) can be your answer because it can be read by you who have those short free time problems.

Download and Read Online Characterization of an Upper Permian Tight Gas Reservoir: A Multidisciplinary, Multiscale Analysis from the Rotliegend, Northern Germany (Springer Theses) Philipp Antrett #ADC53R2BN49

Read Characterization of an Upper Permian Tight Gas Reservoir: A Multidisciplinary, Multiscale Analysis from the Rotliegend, Northern Germany (Springer Theses) by Philipp Antrett for online ebook

Characterization of an Upper Permian Tight Gas Reservoir: A Multidisciplinary, Multiscale Analysis from the Rotliegend, Northern Germany (Springer Theses) by Philipp Antrett Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Characterization of an Upper Permian Tight Gas Reservoir: A Multidisciplinary, Multiscale Analysis from the Rotliegend, Northern Germany (Springer Theses) by Philipp Antrett books to read online.

Online Characterization of an Upper Permian Tight Gas Reservoir: A Multidisciplinary, Multiscale Analysis from the Rotliegend, Northern Germany (Springer Theses) by Philipp Antrett ebook PDF download

Characterization of an Upper Permian Tight Gas Reservoir: A Multidisciplinary, Multiscale Analysis from the Rotliegend, Northern Germany (Springer Theses) by Philipp Antrett Doc

Characterization of an Upper Permian Tight Gas Reservoir: A Multidisciplinary, Multiscale Analysis from the Rotliegend, Northern Germany (Springer Theses) by Philipp Antrett Mobipocket

Characterization of an Upper Permian Tight Gas Reservoir: A Multidisciplinary, Multiscale Analysis from the Rotliegend, Northern Germany (Springer Theses) by Philipp Antrett EPub