



Seismic Stratigraphy, Basin Analysis and Reservoir Characterisation: 37 (Handbook of Geophysical Exploration: Seismic Exploration)

Paul P. Veeken

Download now

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

Seismic Stratigraphy, Basin Analysis and Reservoir Characterisation: 37 (Handbook of Geophysical Exploration: Seismic Exploration)


Paul P. Veeken

Seismic Stratigraphy, Basin Analysis and Reservoir Characterisation: 37 (Handbook of Geophysical Exploration: Seismic Exploration) Paul P. Veeken

The interest in seismic stratigraphic techniques to interpret reflection datasets is well established. The advent of sophisticated subsurface reservoir studies and 4D monitoring, for optimising the hydrocarbon production in existing fields, does demonstrate the importance of the 3D seismic methodology. The added value of reflection seismics to the petroleum industry has clearly been proven over the last decades. Seismic profiles and 3D cubes form a vast and robust data source to unravel the structure of the subsurface. It gets nowadays exploited in ever greater detail. Larger offsets and velocity anisotropy effects give for instance access to more details on reservoir flow properties like fracture density, porosity and permeability distribution, Elastic inversion and modelling may tell something about the change in petrophysical parameters. Seismic investigations provide a vital tool for the delineation of subtle hydrocarbon traps. They are the basis for understanding the regional basin framework and the stratigraphic subdivision. Seismic stratigraphy combines two very different scales of observation: the seismic and well-control. The systematic approach applied in seismic stratigraphy explains why many workers are using the principles to evaluate their seismic observations. The here presented modern geophysical techniques allow more accurate prediction of the changes in subsurface geology. Dynamics of sedimentary environments are discussed with its relation to global controlling factors and a link is made to high-resolution sequence stratigraphy. 'Seismic Stratigraphy Basin Analysis and Reservoir Characterisation' summarizes basic seismic interpretation techniques and demonstrates the benefits of intergrated reservoir studies for hydrocarbon exploration. Topics are presented from a practical point of view and are supported by well-illustrated case histories. The reader (student as well as professional geophysicists, geologists and reservoir engineers) is taken from a basic level to more advanced study techniques.

- * Overview reflection seismic methods and its limitations.
- * Link between basic seismic stratigraphic principles and high resolution sequence stratigraphy.
- * Description of various techniques for seismic reservoir characterization and synthetic modelling.
- * Overview nversion techniques, AVO and seismic attributes analysis.

 [Download Seismic Stratigraphy, Basin Analysis and Reservoir ...pdf](#)

 [Read Online Seismic Stratigraphy, Basin Analysis and Reservo ...pdf](#)

Download and Read Free Online Seismic Stratigraphy, Basin Analysis and Reservoir Characterisation: 37 (Handbook of Geophysical Exploration: Seismic Exploration) Paul P. Veeken

From reader reviews:

Carolyn Fletcher:

As people who live in the modern era should be up-to-date about what is going on or have even knowledge to make them keep up with the era and that is always change and make progress. Some of you may update themselves by studying books. It is a good choice to suit your needs but the problems coming to you actually is you don't know which you should start with. This Seismic Stratigraphy, Basin Analysis and Reservoir Characterisation: 37 (Handbook of Geophysical Exploration: Seismic Exploration) is our recommendation so you keep up with the world. Why, since this book serves what you want and want in this era.

Larry Parker:

Nowadays reading books become more and more than want or need but also become a life style. This reading behavior gives you a lot of advantages. The advantages you get of course the knowledge the particular information inside the book that improve your knowledge and information. The information you get based on what kind of reserve you read, if you want send more knowledge just go with knowledge books but if you want experience happy read one along with theme for entertaining for example comic or novel. Typically the Seismic Stratigraphy, Basin Analysis and Reservoir Characterisation: 37 (Handbook of Geophysical Exploration: Seismic Exploration) is kind of e-book which is giving the reader unpredictable experience.

Lisa Langlais:

A lot of people always spent their own free time to vacation or go to the outside with their household or their friend. Do you know? Many a lot of people spent their free time just watching TV, or playing video games all day long. If you want to try to find a new activity this is look different you can read the book. It is really fun to suit your needs. If you enjoy the book that you simply read you can spend the entire day to reading a publication. The book Seismic Stratigraphy, Basin Analysis and Reservoir Characterisation: 37 (Handbook of Geophysical Exploration: Seismic Exploration) it is quite good to read. There are a lot of those who recommended this book. These people were enjoying reading this book. If you did not have enough space to bring this book you can buy often the e-book. You can more simply to read this book from your smart phone. The price is not too expensive but this book has high quality.

James Jernigan:

Reading a book makes you to get more knowledge as a result. You can take knowledge and information from the book. Book is created or printed or descriptive from each source which filled update of news. On this modern era like right now, many ways to get information are available for a person. From media social including newspaper, magazines, science book, encyclopedia, reference book, new and comic. You can add your understanding by that book. Are you hip to spend your spare time to spread out your book? Or just searching for the Seismic Stratigraphy, Basin Analysis and Reservoir Characterisation: 37 (Handbook of

Geophysical Exploration: Seismic Exploration) when you essential it?

Download and Read Online Seismic Stratigraphy, Basin Analysis and Reservoir Characterisation: 37 (Handbook of Geophysical Exploration: Seismic Exploration) Paul P. Veeken #6795SAKEIVP

Read Seismic Stratigraphy, Basin Analysis and Reservoir Characterisation: 37 (Handbook of Geophysical Exploration: Seismic Exploration) by Paul P. Veeken for online ebook

Seismic Stratigraphy, Basin Analysis and Reservoir Characterisation: 37 (Handbook of Geophysical Exploration: Seismic Exploration) by Paul P. Veeken 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 Seismic Stratigraphy, Basin Analysis and Reservoir Characterisation: 37 (Handbook of Geophysical Exploration: Seismic Exploration) by Paul P. Veeken books to read online.

Online Seismic Stratigraphy, Basin Analysis and Reservoir Characterisation: 37 (Handbook of Geophysical Exploration: Seismic Exploration) by Paul P. Veeken ebook PDF download

Seismic Stratigraphy, Basin Analysis and Reservoir Characterisation: 37 (Handbook of Geophysical Exploration: Seismic Exploration) by Paul P. Veeken Doc

Seismic Stratigraphy, Basin Analysis and Reservoir Characterisation: 37 (Handbook of Geophysical Exploration: Seismic Exploration) by Paul P. Veeken Mobipocket

Seismic Stratigraphy, Basin Analysis and Reservoir Characterisation: 37 (Handbook of Geophysical Exploration: Seismic Exploration) by Paul P. Veeken EPub