



Carbonate Reservoirs: Chapter 11. Natural Fracturing in Carbonate Reservoirs (Developments in Sedimentology)

Clyde H. Moore, William J. Wade

Download now

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

Carbonate Reservoirs: Chapter 11. Natural Fracturing in Carbonate Reservoirs (Developments in Sedimentology)

Clyde H. Moore, William J. Wade

Carbonate Reservoirs: Chapter 11. Natural Fracturing in Carbonate Reservoirs (Developments in Sedimentology) Clyde H. Moore, William J. Wade

Carbonate reservoirs are prone to natural fracturing. Fractures can act as enhanced permeability pathways, which may increase, decrease, or complicate reservoir production and development; healed fractures contribute to reservoir compartmentalization. A primary focus is placed upon the predictability of fracture set patterns and orientations, which vary according to carbonate lithofacies and the stress field(s) under which different types of fractures form. Extension fractures can form at the surface or at reservoir depths. Certain types of extension fracture sets (e.g., syndepositional, regional, and—to a lesser extent—karst-related fracture sets) exhibit predictable patterns and orientations with respect to the stress field under which they originated. Surface outcrops commonly exhibit multiple fracture sets; these are most frequently related to relaxation of compaction and/or thermal cooling. Such fracture sets are considered unlikely to resemble fracture sets in nearby reservoirs at depth; therefore, the use of surface fracture patterns as analogs for same-formation reservoirs, without comparative analysis of burial stress histories, is risky. Fault-related fractures have very high permeability potentials when newly formed, but their resulting role as fluid conduits typically leads to rapid healing, and therefore a higher likelihood of causing reservoir compartmentalization. These fractures typically cut across multiple beds. Fold-related fracture patterns are complex, typically consisting of both extension and conjugate shear-pair fractures, and show variable orientations in space and/or over time. However, they tend to follow the geometries of individual beds and are often confined to single beds, rather than aligning according to overall structural axes. Ekofisk Field, a naturally fractured North Sea chalk reservoir, is presented as an illustrative case of fold-related fracture abundance and effectiveness in enhancing fieldwide permeability parameters, without the drawback of creating major production problems during waterflooding.

 [Download Carbonate Reservoirs: Chapter 11. Natural Fracturi ...pdf](#)

 [Read Online Carbonate Reservoirs: Chapter 11. Natural Fractu ...pdf](#)

Download and Read Free Online Carbonate Reservoirs: Chapter 11. Natural Fracturing in Carbonate Reservoirs (Developments in Sedimentology) Clyde H. Moore, William J. Wade

From reader reviews:

Katherine Anderson:

Do you have favorite book? For those who have, what is your favorite's book? Book is very important thing for us to understand everything in the world. Each publication has different aim as well as goal; it means that reserve has different type. Some people really feel enjoy to spend their the perfect time to read a book. They are really reading whatever they take because their hobby is reading a book. Consider the person who don't like examining a book? Sometime, man feel need book after they found difficult problem or even exercise. Well, probably you will require this Carbonate Reservoirs: Chapter 11. Natural Fracturing in Carbonate Reservoirs (Developments in Sedimentology).

Michael Stein:

The e-book with title Carbonate Reservoirs: Chapter 11. Natural Fracturing in Carbonate Reservoirs (Developments in Sedimentology) has a lot of information that you can learn it. You can get a lot of advantage after read this book. This particular book exist new expertise the information that exist in this book represented the condition of the world today. That is important to you to learn how the improvement of the world. This kind of book will bring you within new era of the internationalization. You can read the e-book in your smart phone, so you can read this anywhere you want.

John Mallery:

Reading can called head hangout, why? Because when you find yourself reading a book especially book entitled Carbonate Reservoirs: Chapter 11. Natural Fracturing in Carbonate Reservoirs (Developments in Sedimentology) your thoughts will drift away trough every dimension, wandering in each aspect that maybe not known for but surely will end up your mind friends. Imaging every word written in a book then become one contact form conclusion and explanation in which maybe you never get ahead of. The Carbonate Reservoirs: Chapter 11. Natural Fracturing in Carbonate Reservoirs (Developments in Sedimentology) giving you yet another experience more than blown away your head but also giving you useful information for your better life in this particular era. So now let us show you the relaxing pattern at this point is your body and mind will likely be pleased when you are finished studying it, like winning a. Do you want to try this extraordinary spending spare time activity?

Eva Sexton:

Are you kind of hectic person, only have 10 or maybe 15 minute in your day time to upgrading your mind ability or thinking skill possibly analytical thinking? Then you are having problem with the book in comparison with can satisfy your short space of time to read it because all this time you only find guide that need more time to be examine. Carbonate Reservoirs: Chapter 11. Natural Fracturing in Carbonate Reservoirs (Developments in Sedimentology) can be your answer as it can be read by a person who have those short extra time problems.

**Download and Read Online Carbonate Reservoirs: Chapter 11.
Natural Fracturing in Carbonate Reservoirs (Developments in
Sedimentology) Clyde H. Moore, William J. Wade #AHTN4K2BLJ5**

Read Carbonate Reservoirs: Chapter 11. Natural Fracturing in Carbonate Reservoirs (Developments in Sedimentology) by Clyde H. Moore, William J. Wade for online ebook

Carbonate Reservoirs: Chapter 11. Natural Fracturing in Carbonate Reservoirs (Developments in Sedimentology) by Clyde H. Moore, William J. Wade 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 Carbonate Reservoirs: Chapter 11. Natural Fracturing in Carbonate Reservoirs (Developments in Sedimentology) by Clyde H. Moore, William J. Wade books to read online.

Online Carbonate Reservoirs: Chapter 11. Natural Fracturing in Carbonate Reservoirs (Developments in Sedimentology) by Clyde H. Moore, William J. Wade ebook PDF download

Carbonate Reservoirs: Chapter 11. Natural Fracturing in Carbonate Reservoirs (Developments in Sedimentology) by Clyde H. Moore, William J. Wade Doc

Carbonate Reservoirs: Chapter 11. Natural Fracturing in Carbonate Reservoirs (Developments in Sedimentology) by Clyde H. Moore, William J. Wade Mobipocket

Carbonate Reservoirs: Chapter 11. Natural Fracturing in Carbonate Reservoirs (Developments in Sedimentology) by Clyde H. Moore, William J. Wade EPub