



Microseismic Imaging of Hydraulic Fracturing: Improved Engineering of Unconventional Shale Reservoirs (Distinguished Instructor Series No. 17)

By Shawn Maxwell

Download now

Read Online ➔

Microseismic Imaging of Hydraulic Fracturing: Improved Engineering of Unconventional Shale Reservoirs (Distinguished Instructor Series No. 17) By Shawn Maxwell

Microseismic Imaging of Hydraulic Fracturing: Improved Engineering of Unconventional Shale Reservoirs (SEG Distinguished Instructor Series No. 17) covers the use of microseismic data to enhance engineering design of hydraulic fracturing and well completion. The book, which accompanies the 2014 SEG Distinguished Instructor Short Course, describes the design, acquisition, processing, and interpretation of an effective microseismic project. The text includes a tutorial of the basics of hydraulic fracturing, including the geologic and geomechanical factors that control fracture growth. In addition to practical issues associated with collecting and interpreting microseismic data, potential pitfalls and quality-control steps are discussed. Actual case studies are used to demonstrate engineering benefits and improved production through the use of microseismic monitoring. Providing a practical user guide for survey design, quality control, interpretation, and application of microseismic hydraulic fracture monitoring, this book will be of interest to geoscientists and engineers involved in development of unconventional reservoirs.

 [Download Microseismic Imaging of Hydraulic Fracturing: Impr ...pdf](#)

 [Read Online Microseismic Imaging of Hydraulic Fracturing: Im ...pdf](#)

Microseismic Imaging of Hydraulic Fracturing: Improved Engineering of Unconventional Shale Reservoirs (Distinguished Instructor Series No. 17)

By Shawn Maxwell

Microseismic Imaging of Hydraulic Fracturing: Improved Engineering of Unconventional Shale Reservoirs (Distinguished Instructor Series No. 17) By Shawn Maxwell

Microseismic Imaging of Hydraulic Fracturing: Improved Engineering of Unconventional Shale Reservoirs (SEG Distinguished Instructor Series No. 17) covers the use of microseismic data to enhance engineering design of hydraulic fracturing and well completion. The book, which accompanies the 2014 SEG Distinguished Instructor Short Course, describes the design, acquisition, processing, and interpretation of an effective microseismic project. The text includes a tutorial of the basics of hydraulic fracturing, including the geologic and geomechanical factors that control fracture growth. In addition to practical issues associated with collecting and interpreting microseismic data, potential pitfalls and quality-control steps are discussed. Actual case studies are used to demonstrate engineering benefits and improved production through the use of microseismic monitoring. Providing a practical user guide for survey design, quality control, interpretation, and application of microseismic hydraulic fracture monitoring, this book will be of interest to geoscientists and engineers involved in development of unconventional reservoirs.

Microseismic Imaging of Hydraulic Fracturing: Improved Engineering of Unconventional Shale Reservoirs (Distinguished Instructor Series No. 17) By Shawn Maxwell Bibliography

- Sales Rank: #920896 in Books
- Published on: 2014-01-01
- Binding: Paperback
- 212 pages

 [Download Microseismic Imaging of Hydraulic Fracturing: Impr ...pdf](#)

 [Read Online Microseismic Imaging of Hydraulic Fracturing: Im ...pdf](#)

Download and Read Free Online Microseismic Imaging of Hydraulic Fracturing: Improved Engineering of Unconventional Shale Reservoirs (Distinguished Instructor Series No. 17) By Shawn Maxwell

Editorial Review

About the Author

Shawn Maxwell is chief geophysicist and microseismic adviser for Schlumberger's Microseismic Services corporate business unit and is based in Calgary, Alberta, Canada. He has been a pioneer in the use of imaging hydraulic fractures using microseismic, particularly for shale reservoirs. Maxwell has authored numerous engineering and geophysical papers highlighting all aspects of microseismic acquisition, processing, and interpretation, with a particular emphasis on practical application to engineering challenges. He was a 2013 SPE distinguished lecturer, presenting What Have We Learned about Fracturing Shales after 12 Years of Microseismic Mapping? Maxwell served as a lecturer at Keele University in England after earning a Ph.D. specializing in microseismology from Queen's University in Kingston, Ontario, Canada.

Users Review

From reader reviews:

Christopher Olsen:

Do you one among people who can't read pleasant if the sentence chained from the straightway, hold on guys this specific aren't like that. This Microseismic Imaging of Hydraulic Fracturing: Improved Engineering of Unconventional Shale Reservoirs (Distinguished Instructor Series No. 17) book is readable simply by you who hate those straight word style. You will find the information here are arrange for enjoyable examining experience without leaving possibly decrease the knowledge that want to provide to you. The writer associated with Microseismic Imaging of Hydraulic Fracturing: Improved Engineering of Unconventional Shale Reservoirs (Distinguished Instructor Series No. 17) content conveys thinking easily to understand by many individuals. The printed and e-book are not different in the written content but it just different such as it. So , do you continue to thinking Microseismic Imaging of Hydraulic Fracturing: Improved Engineering of Unconventional Shale Reservoirs (Distinguished Instructor Series No. 17) is not loveable to be your top checklist reading book?

Jessica Wilson:

The e-book with title Microseismic Imaging of Hydraulic Fracturing: Improved Engineering of Unconventional Shale Reservoirs (Distinguished Instructor Series No. 17) contains a lot of information that you can understand it. You can get a lot of benefit after read this book. That book exist new expertise the information that exist in this guide represented the condition of the world currently. That is important to you to know how the improvement of the world. That book will bring you in new era of the syndication. You can read the e-book on your smart phone, so you can read that anywhere you want.

David Sayre:

People live in this new moment of lifestyle always make an effort to and must have the spare time or they

will get lot of stress from both daily life and work. So , whenever we ask do people have time, we will say absolutely without a doubt. People is human not a robot. Then we consult again, what kind of activity have you got when the spare time coming to a person of course your answer can unlimited right. Then do you try this one, reading publications. It can be your alternative inside spending your spare time, the particular book you have read is definitely Microseismic Imaging of Hydraulic Fracturing: Improved Engineering of Unconventional Shale Reservoirs (Distinguished Instructor Series No. 17).

Martin Hobson:

This Microseismic Imaging of Hydraulic Fracturing: Improved Engineering of Unconventional Shale Reservoirs (Distinguished Instructor Series No. 17) is brand-new way for you who has fascination to look for some information as it relief your hunger info. Getting deeper you upon it getting knowledge more you know or you who still having little bit of digest in reading this Microseismic Imaging of Hydraulic Fracturing: Improved Engineering of Unconventional Shale Reservoirs (Distinguished Instructor Series No. 17) can be the light food to suit your needs because the information inside this specific book is easy to get through anyone. These books develop itself in the form which is reachable by anyone, yeah I mean in the e-book web form. People who think that in reserve form make them feel sleepy even dizzy this reserve is the answer. So you cannot find any in reading a e-book especially this one. You can find what you are looking for. It should be here for you actually. So , don't miss it! Just read this e-book type for your better life along with knowledge.

Download and Read Online Microseismic Imaging of Hydraulic Fracturing: Improved Engineering of Unconventional Shale Reservoirs (Distinguished Instructor Series No. 17) By Shawn Maxwell #SJWYV7603CH

Read Microseismic Imaging of Hydraulic Fracturing: Improved Engineering of Unconventional Shale Reservoirs (Distinguished Instructor Series No. 17) By Shawn Maxwell for online ebook

Microseismic Imaging of Hydraulic Fracturing: Improved Engineering of Unconventional Shale Reservoirs (Distinguished Instructor Series No. 17) By Shawn Maxwell 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 Microseismic Imaging of Hydraulic Fracturing: Improved Engineering of Unconventional Shale Reservoirs (Distinguished Instructor Series No. 17) By Shawn Maxwell books to read online.

Online Microseismic Imaging of Hydraulic Fracturing: Improved Engineering of Unconventional Shale Reservoirs (Distinguished Instructor Series No. 17) By Shawn Maxwell ebook PDF download

Microseismic Imaging of Hydraulic Fracturing: Improved Engineering of Unconventional Shale Reservoirs (Distinguished Instructor Series No. 17) By Shawn Maxwell Doc

Microseismic Imaging of Hydraulic Fracturing: Improved Engineering of Unconventional Shale Reservoirs (Distinguished Instructor Series No. 17) By Shawn Maxwell Mobipocket

Microseismic Imaging of Hydraulic Fracturing: Improved Engineering of Unconventional Shale Reservoirs (Distinguished Instructor Series No. 17) By Shawn Maxwell EPub

SJWYV7603CH: Microseismic Imaging of Hydraulic Fracturing: Improved Engineering of Unconventional Shale Reservoirs (Distinguished Instructor Series No. 17) By Shawn Maxwell