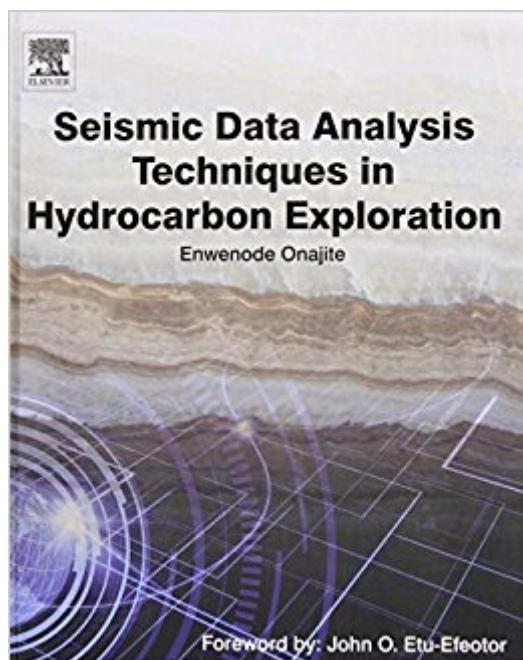The book was found

Seismic Data Analysis Techniques In Hydrocarbon Exploration

Seismic Data Analysis Techniques in Hydrocarbon Exploration

Enwenode Onajite

Foreword by: John O. Etu-Efeotor

Synopsis

Seismic Data Analysis Techniques in Hydrocarbon Exploration explains the fundamental concepts and skills used to acquire seismic data in the oil industry and the step-by-step techniques necessary to extract the sections that trap hydrocarbons as well as seismic data interpretation skills. It enhances the ability to interpret seismic data and use that data for basin evaluation, structural modeling of a fault, reservoir characterization, rock physics analysis, field development, and production studies. Understanding and interpreting seismic data is critical to oil and gas exploration companies. Arming young geoscientists with a reference that covers the key principles of seismic data analysis will enhance their job knowledge, skills and performance. A fundamental grasp of seismic data enhances employability and aids scientists in functioning effectively when working with seismic data in industry.Edited by a team of petroleum geoscientists with more than 30 years of experience in hydrocarbon exploration and data analysis at O&G companies.More than 200 figures, photographs, and illustrations aid in the understanding of the fundamental concepts and techniques used to acquire seismic dataTakes an easy-to-follow, step-by-step approach to presenting the techniques and skills used to extract the geologic sections from acquired seismic data.Enhances the geoscientistÃ¢â ¬â„¢s effectiveness when using seismic data for field development and other exploration and production studies

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Customer Reviews

"Ã¢â ¬Â¦the book probably belongs on every beginning geophysical studentÃ¢â ¬â„¢s bookshelf or

at least in the department library...readers will gain an appreciation for the factors that might limit the accuracy of a seismic interpretation."--The Leading Edge, January 2015 Ã¢â¬Å"This book was recommended by my professor this semester for the course in Engineering and Exploration Geophysics and I must say - This is the best book IÃ¢â¬â„¢ve seen around. The book talks to the reader. A job well done”. -- Jubril Davis, North Carolina State University, USA "As far as exploration geophysics is concerned, itÃ¢â¬â„¢s one of the best books I read in my life. The book covers in a very simple comprehensive manner, all geophysicist should keep in his library for reference. Expecting similar type of books in the future.” -- Vishnu Rajanbabu, Sr.Geophysicist/Seismic Interpreter at Reliance BP Exploration & Production Ltd, India Ã¢â¬Å"This book would be a great benefit for all those concerned with seismic data analysis”. -- Mourad Wassef, CEO at Petromina Energy, Egypt

Seismic Data Analysis Techniques in Hydrocarbon Exploration Seismic Data Analysis Techniques in Hydrocarbon Exploration explains the fundamental concepts and skills used to acquire seismic data in the oil industry and the step-by-step techniques used to extract the subsurface geological sections that trap hydrocarbons. It enhances the ability to interpret seismic data and use that data for basin evaluation, structural modeling of a fault, reservoir characterization, field development, and production studies. Understanding and interpreting seismic data is critical to oil and gas exploration companies. Arming geoscientists with a reference that covers the key principles of seismic data analysis will enhance their job knowledge, skills and performance. A fundamental grasp of seismic data enhances employability and aids scientists in functioning effectively when working with seismic data in industry. Includes more than 200 figures, photographs, and illustrations whichaid in the understanding of the fundamental concepts and techniques used to acquire seismic data Takes an easy-to-follow, step-by-step approach to presenting the techniques and skills used to extract the geologic sections from acquired seismic data. Enhances the geoscientistÃ¢â¬â„¢s effectiveness when using seismic data for field development and other exploration and production studies

Good effort but it really for Novice Geophysicist. Probably someone who just entered the program or geologist who want to gain an insight into Geophysics. Mid career should not expect much from this.

Although the book is a good first effort, I can only recommend it to a novice level reader.

This book was recommended by my Professor this semester for the course in Engineering and

Exploration Geophysics and I must say - This is the best book I've seen around. The book talks to the reader - A job well done.

Seismic Data Analysis Techniques in Hydrocarbon Exploration Seismic Hydrocarbon Exploration: 2D and 3D Techniques (Advances in Oil and Gas Exploration & Production) Analytics: Data Science, Data Analysis and Predictive Analytics for Business (Algorithms, Business Intelligence, Statistical Analysis, Decision Analysis, Business Analytics, Data Mining, Big Data) Data Analytics: What Every Business Must Know About Big Data And Data Science (Data Analytics for Business, Predictive Analysis, Big Data Book 1) Data Analytics: Applicable Data Analysis to Advance Any Business Using the Power of Data Driven Analytics (Big Data Analytics, Data Science, Business Intelligence Book 6) Analytics: Business Intelligence, Algorithms and Statistical Analysis (Predictive Analytics, Data Visualization, Data Analytics, Business Analytics, Decision Analysis, Big Data, Statistical Analysis) Big Data For Business: Your Comprehensive Guide to Understand Data Science, Data Analytics and Data Mining to Boost More Growth and Improve Business - Data Analytics Book, Series 2 A Generalized Approach To Primary Hydrocarbon Recovery Of Petroleum Exploration & Production, Volume 4 (Handbook of Petroleum Exploration and Production) Hydrocarbon Exploration and Production, Volume 55, Second Edition (Developments in Petroleum Science) Hydrocarbon Exploration and Production: 55 (Developments in Petroleum Science) Hydrocarbon Exploration and Production, Volume 46 (Developments in Petroleum Science) The Role of Organic Petrology in the Exploration of Conventional and Unconventional Hydrocarbon Systems (Geology: Current and Future Developments) Data Analytics For Beginners: Your Ultimate Guide To Learn and Master Data Analysis. Get Your Business Intelligence Right Ã¢â ¬â œ Accelerate Growth and Close More Sales (Data Analytics Book Series) ASD/LRFD Wind and Seismic: Special Design Provisions for Wind and Seismic with Commentary (2008) Seismic Principles Practice Exams for the California Civil Seismic Exam Seismic Loads: Guide to the Seismic Load Provisions of ASCE 7 - 10 Seismic Interpretation of Contractional Fault-Related Folds: An AAPG Seismic Atlas (AAPG Studies in Geology) Data Science for Business: What You Need to Know about Data Mining and Data-Analytic Thinking Data Science and Big Data Analytics: Discovering, Analyzing, Visualizing and Presenting Data Data Analytics and Python Programming: 2 Bundle Manuscript: Beginners Guide to Learn Data Analytics, Predictive Analytics and Data Science with Python Programming

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