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"There is ample room for an alternative to traditional RSS tools without having to rip up the rulebook and start again," according to Enteq's Neil Bird.

Enteq Upstream SME Shares Insights on Future of Directional Drilling

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ReconAfrica has stated that it does not have any fracking permits and hasn't applied ... engineering-and- construction, and chemicals. The company offers exploration services, such as drilling ...

The Small Exploration Company That Shocked The Oil Industry
The House voted 229-191 to nullify a rule written by the Trump administration that largely rolled back Obama administration regulations on control of methane from oil and gas production, processing ...

OGJ Newsletter

The program addresses growing market demand for process optimization solutions that combine best-in-class analytics technologies and world-class engineering services. The addition of

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Norway-based ...

Control Station Extends Reach of CSI Partner Program to the North Sea

Ausenco is a global company providing consulting, engineering ... solutions to the mining sectors with recent mine design and build in Brazil. These appointments reflect our increasing confidence in ...

Meridian Engages Ausenco for Cabaçal Scoping Study and H&S Consultants for Future Cabaçal Resource Estimation

One other investment was in design engineering. For this event ... The test workpiece for cutting tool evaluation requires turning, grooving, drilling and boring. The test part was a hypothetical ...

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How to Turn Machine Shop Downtime Into Process Expertise

A daring junior oil and gas explorer has set out to put the African country of Namibia—which has never produced a single barrel of oil - on ...

Recon Africa: The Truth About The World's Most Exciting Oil Play

I hold a Graduate Diploma in Applied Finance and Investment (similar ... Lithium hydroxide engineering study. Critical Elements Lithium Corporation is pleased to announce it has retained the ...

Lithium Junior Miners News For The Month Of June 2021

In land drilling ... Electrical engineering ABB is making its energy infrastructure sustainable by monitoring inverters and transformers with AI cloud digital twins. A low-cost solution based ...

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Cloud for industry and energy: 5 main use cases

The University's recent engagement with stakeholders appears to differ from the approach of an independent endowment that it applied to fossil fuel investments ... but investing in the solutions of ...

How student activism and fossil fuel disinvestment challenge the perspective of an independent endowment

I hold a Graduate Diploma in Applied ... engineering design independent testwork confirms efficiency of EcoGraf Process. You can view the latest investor presentation here. ZEN Graphene ...

Graphite Miners News For The Month Of June 2021

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He is currently undertaking a Robert Gordon University (RGU) graduate apprenticeship while working at Engineering solutions business ... impressed with how he's applied himself to the academic ...

Ellon apprentice encourages others to follow in his working footsteps

Geophysical studies and water-well drilling of this same fan on the adjacent ... NIO will be in charge of vehicle development and engineering, supply chain management, manufacturing techniques ...

Electric Vehicle (EV) Battery Market Is Steadily Rising Globally
As Demand for Lithium Surges

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The MCI® 2020 inhibitor can be applied ... petroleum, drilling, and construction industries. She graduated as a Civil and Material Science Engineer from the Faculty of Civil Engineering ...

The Benefits of Protecting Rebar With Migrating Corrosion Inhibitors

As the fight for a cleaner future continues, renewable energy stocks are becoming the main battleground. Find out what the top stocks to watch are.

Top renewable energy stocks to watch

Geophysical studies and water-well drilling of this same fan on the adjacent ... FNM and its affiliated companies are a news dissemination solutions provider and are NOT a registered broker ...

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Applied Drilling Engineering presents engineering science fundamentals as well as examples of engineering applications involving those fundamentals.

Petroleum and natural gas still remain the single biggest resource for energy on earth. Even as alternative and renewable sources are developed, petroleum and natural gas continue to be, by far, the most used and, if engineered properly, the most cost-effective and efficient, source of energy on the planet. Drilling engineering is one of the most important links in the energy chain, being, after all, the science of getting the resources out of the ground for processing. Without drilling engineering, there would be no gasoline, jet fuel,

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and the myriad of other "have to have" products that people use all over the world every day. Following up on their previous books, also available from Wiley-Scrivener, the authors, two of the most well-respected, prolific, and progressive drilling engineers in the industry, offer this groundbreaking volume. They cover the basic tenets of drilling engineering, the most common problems that the drilling engineer faces day to day, and cutting-edge new technology and processes through their unique lens. Written to reflect the new, changing world that we live in, this fascinating new volume offers a treasure of knowledge for the veteran engineer, new hire, or student. This book is an excellent resource for petroleum engineering students, reservoir engineers, supervisors & managers, researchers and environmental engineers for planning every aspect of rig operations in the most sustainable, environmentally responsible

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manner, using the most up-to-date technological advancements in equipment and processes.

This handbook reflects the petroleum engineering profession as a mature engineering discipline apart from other engineering fields.

Petroleum engineering now has its own true classic handbook that reflects the profession's status as a mature major engineering discipline. Formerly titled the Practical Petroleum Engineer's Handbook, by Joseph Zaba and W.T. Doherty (editors), this new, completely updated two-volume set is expanded and revised to give petroleum engineers a comprehensive source of industry standards and engineering practices. It is packed with the key, practical information and data that petroleum engineers rely upon daily. The

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result of a fifteen-year effort, this handbook covers the gamut of oil and gas engineering topics to provide a reliable source of engineering and reference information for analyzing and solving problems. It also reflects the growing role of natural gas in industrial development by integrating natural gas topics throughout both volumes. More than a dozen leading industry experts-academia and industry-contributed to this two-volume set to provide the best , most comprehensive source of petroleum engineering information available.

Drilling and production wells are becoming more digitalized as oil and gas companies continue to implement machine learning and big data solutions to save money on projects while reducing energy and emissions. Up to now there has not been one cohesive resource that

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bridges the gap between theory and application, showing how to go from computer modeling to practical use. *Methods for Petroleum Well Optimization: Automation and Data Solutions* gives today's engineers and researchers real-time data solutions specific to drilling and production assets. Structured for training, this reference covers key concepts and detailed approaches from mathematical to real-time data solutions through technological advances. Topics include digital well planning and construction, moving teams into Onshore Collaboration Centers, operations with the best machine learning (ML) and metaheuristic algorithms, complex trajectories for wellbore stability, real-time predictive analytics by data mining, optimum decision-making, and case-based reasoning. Supported by practical case studies, and with references including links to open-source code and fit-for-use MATLAB, R, Julia, Python and other

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standard programming languages, Methods for Petroleum Well Optimization delivers a critical training guide for researchers and oil and gas engineers to take scientifically based approaches to solving real field problems. Bridges the gap between theory and practice (from models to code) with content from the latest research developments supported by practical case study examples and questions at the end of each chapter Enables understanding of real-time data solutions and automation methods available specific to drilling and production wells, such as digital well planning and construction through to automatic systems Promotes the use of open-source code which will help companies, engineers, and researchers develop their prediction and analysis software more quickly; this is especially appropriate in the application of multivariate techniques to the real-world problems of petroleum well optimization

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This book presents the theory and technologies of drilling operations. It covers the gamut of formulas and calculations for petroleum engineers that have been compiled over several years. Some of these formulas and calculations have been used for decades, while others help guide engineers through some of the industry's more recent technological breakthroughs.

Comprehensively discussing all aspects of drilling technologies, and providing abundant figures, illustrations and tables, examples and exercises to facilitate the learning process, it is a valuable resource for students, scholars and engineers in the field of petroleum engineering.

This new edition of the Standard Handbook of Petroleum and

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Natural Gas Engineering provides you with the best, state-of-the-art coverage for every aspect of petroleum and natural gas engineering. With thousands of illustrations and 1,600 information-packed pages, this text is a handy and valuable reference. Written by over a dozen leading industry experts and academics, the Standard Handbook of Petroleum and Natural Gas Engineering provides the best, most comprehensive source of petroleum engineering information available. Now in an easy-to-use single volume format, this classic is one of the true "must haves" in any petroleum or natural gas engineer's library. * A classic for the oil and gas industry for over 65 years! * A comprehensive source for the newest developments, advances, and procedures in the petrochemical industry, covering everything from drilling and production to the economics of the oil patch. * Everything you need

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- all the facts, data, equipment, performance, and principles of petroleum engineering, information not found anywhere else. * A desktop reference for all kinds of calculations, tables, and equations that engineers need on the rig or in the office. * A time and money saver on procedural and equipment alternatives, application techniques, and new approaches to problems.

The book clearly explains the concepts of the drilling engineering and presents the existing knowledge ranging from the history of drilling technology to well completion. This textbook takes on the difficult issue of sustainability in drilling engineering and tries to present the engineering terminologies in a clear manner so that the

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new hire, as well as the veteran driller, will be able to understand the drilling concepts with minimum effort. This textbook is an excellent resource for petroleum engineering students, drilling engineers, supervisors & managers, researchers and environmental engineers for planning every aspect of rig operations in the most sustainable, environmentally responsible manner, using the most up-to-date technological advancements in equipment and processes.

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