Drill Rig Inspection Sheets

An Invaluable Reference for Members of the Drilling Industry, from Owner–Operators to Large Contractors, and Anyone Interested In Drilling Developed by one of the world's leading authorities on drilling technology, the fifth edition of The Drilling Manual draws on industry expertise to provide the latest drilling methods, safety, risk management, and management practices, and protocols. Utilizing state-of-the-art technology and techniques, this edition thoroughly updates the fourth edition and introduces entirely new topics. It includes new coverage on occupational health and safety, adds new sections on coal seam gas, sonic and coil tube drilling, sonic drilling, Dutch cone probing, in hole water or mud hammer drilling, pile top drilling, types of grouting, and improved sections on drilling equipment and maintenance. New sections on drilling applications include underground blast hole drilling, coal seam gas drilling (including well control), trenchless technology and geothermal drilling. It contains heavily illustrated chapters that clearly convey the material. This manual incorporates forward-thinking technology and details good industry practice for the following sectors of the drilling industry: Blast Hole Environmental Foundation/Construction Geotechnical Geothermal Mineral Exploration Mineral Production and Development Oil and Gas: On-shore Seismic Trenchless Technology Water Well The Drilling Manual, Fifth Edition provides you with the most thorough information about the "what," "how," and "why" of drilling. An ideal resource for drilling personnel, hydrologists, environmental engineers, and scientists interested in subsurface conditions, it covers drilling machinery, methods, applications, management, safety, geology, and other related issues.

The close of the first decade of the 21st century posed additional pressing environmental issues related to human activities and their effects on the planet. The need to protect the planet seems frequently to be in conflict with the need to feed the earth

Drilling Rig Inspection ChecklistDrilling Machine Checklist

Blank Drilling Machine Checklist Get Your Copy Today! Large Size 8.5 inches by 11 inches Enough Space for writing Include sections for: Year Month Rig Name Drill Rig Type Make Model Location Contractor's Name Phone Number and Email Drilling Crew Service Technician Inspector's Name Signature and Date Buy One Today and have a record of your Drilling Machine Inspection

Hydraulic Rig Technology and Operations delivers the full spectrum of topics critical to running a hydraulic rig. Also referred to as a snubbing unit, this single product covers all the specific specialties and knowledge needed to keep production going, from their history, to components and equipment. Also included are the practical calculations, uses, drilling examples, and technology used today. Supported by definitions, seal materials and shapes, and Q&A sections within chapters, this book gives drilling engineers the answers they need to effectively run and manage hydraulic rigs from anywhere in the world. Presents the full range of hydraulic machinery in drilling engineering, including basic theory, calculations, definitions and name conventions Helps readers gain practical knowledge on day-to-day operations, troubleshooting, and decision-making through real-life examples Includes Q&A quizzes that help users test their knowledge

Disaster on the Horizon is a behind-the-scenes investigative look at the worst oil well accident in US history, which led to the current environmental and economic

catastrophe on the Gulf Coast. Cavnar uses his 30 years in the business to take readers inside the disaster, exposing the decisions leading up to the blowout and the immediate aftermath. It includes personal accounts of the survivors, assembled from testimony during various investigations, as well as personal interviews with survivors, witnesses, and family. It also provides a layman's look at the industry, its technology, people, and risks. It deconstructs events and decisions made by BP, Transocean, and the US Government before and after the disaster, and the effects of those decisions, both good and bad. Cavnar explains what happened in the Gulf, explores how we arrived at deep water drilling in the first place and then charts a course for how to avoid these disasters in the future.

On 20 April 2010, a blowout of BP's Macondo well in the Gulf of Mexico led to the deaths of 11 workers on Transocean's Deepwater Horizon drilling rig, and the release of an estimated 4.9 million barrels of oil. The European Commission called for a moratorium but the UK government decided its regulatory controls were fit for purpose. However a full review of the oil and gas environmental regulatory regime would be undertaken. The Committee believes that the UK has high regulatory standards - as exemplified by the Safety Case regime that was set up in response to the 1988 Piper Alpha tragedy in 1988. The blowout in the Gulf of Mexico could have been prevented if the last-line of defence - the blind shear ram on the blowout preventer had activated and crushed the drill pipe. Given the importance of this equipment the committee recommends prescribing specifically that blowout preventers should have two blind shear rams and that simple, potential failures mustn't be left unchecked. The Committee also recommends that the Bly report conclusions, BP's internal investigation, be considered alongside observations of other companies involved. They believe that should an oil spill resulting from drilling activities occur in the UK there needs to be an absolute clarity as to the identity of the responsible party, and that liability legislation needs to ensure prompt compensation. They conclude that any calls for increased oversight of the UK offshore industry should be rejected in favour of multilateral approaches to regulation and oil spill response

This is a concise, systematic and complete treatment of the design and construction of pile foundations. Discusses pile behavior under various loadings and types of piles and their installation, including consideration of soil parameters. It provides step-by-step design procedures for piles subject to vertical loading and pullout, lateral, inclined and eccentric loads, or dynamic loads, and for piles in permafrost. Also describes load test procedures and their interpretation and buckling of long, slender piles with and without supported length. The closing chapter presents case histories of prediction and performance of piles and pile groups. Includes numerous solved problems.

Drawing on decades of research on the most infamous human and environmental calamities, Button shows how states, corporations, and other actors attempt to create meaning and control social relations in post-disaster struggles for the redistribution of power.

Held in Guilin of China from August 13-14, 2016, the 2016 International Conference on Computer Science and Artificial Intelligence (CSAI2016) provides an excellent international platform for all invited speakers, authors and participants to share their results and establish research collaborations for future research. The conference enjoys a wide spread participation.

It would not only serve as an academic forum, but also a good opportunity to establish business cooperation. CSAI2016 proceedings collects the most up-to-date, comprehensive, and worldwide state-of-art knowledge on computer science and artificial intelligence. After strict peer-review, the proceedings put together 117 articles based on originality, significance and clarity for the purpose of the conference.

This Standard specifies the inspection contents, methods and requirements of pre-operation inspection for offshore drilling and support units.

A guide to environmental and communication issues related to fracking and the best approach to protect communities Environmental Considerations Associated with Hydraulic Fracturing Operations offers a much-needed resource that explores the complex challenges of fracking by providing an understanding of the environmental and communication issues that are inherent with hydraulic fracturing. The book balances the current scientific knowledge with the uncertainty and risks associated with hydraulic fracking. In addition, the authors offer targeted approaches for helping to keep communities safe. The authors include an overview of the historical development of hydraulic fracturing and the technology currently employed. The book also explores the risk, prevention, and mitigation factors that are associated with fracturing. The authors also include legal cases, regulatory issues, and data on the cost of recovery. The volume presents audit checklists for gathering critical information and documentation to support the reliability of the current environmental conditions related to fracking operations and the impact fracking can have on a community. This vital resource: Contains the technical information and mitigation recommendations for safety and environmental issues related to hydraulic fracturing Offers an historical overview of conventional and unconventional oil and gas drilling Explains the geologic and technical issues associated with fracking of tight sand and shale formulations Presents numerous case studies from the United States EPA and other agencies Discusses issues of co-produced waste water and induced seismicity from the injection of wastewater Written for environmental scientists, geologists, engineers, regulators, city planners, attorneys, foresters, wildlife biologists, and others, Environmental Considerations Associated with Hydraulic Fracturing Operations offers a comprehensive resource to the complex environmental and communication issues related to fracking.