



Experience with typical accident cases of open-pit down-the-hole drilling rigs

High performance drilling is key to successful open-pit mining, with two principal areas of operation: blasthole drilling, and drilling presplit holes that help to enhance pit wall stability. ...

Working offshore can be dangerous, and sometimes things go wrong. In this blog post, we'll examine 11 historical offshore incidents and their ...

This research was carried out to find a possible way of optimizing the drilling and blasting operations in an open pit mine of Somair (Société des Mines de l'Air), in the Niger ...

This article covers the open pit mining process, how it works, the machines used, its environmental impact, safety, economic role, and future ...

We know that open-pit mining operations mainly include drilling, blasting, mining, transportation and dumping. Blasting is a very important part ...

Open Hole Incidents occur when unprotected voids, pits, or excavations are present in a work area. These holes can pose severe hazards ...

The team at VandenBout Law has extensive experience handling oil field injury cases and can help you navigate the complexities of insurance ...

With so much oil-based mud on the rig floor, drilling rig accidents in Louisiana are common. While it may seem impossible to keep the work area clean, using safety precautions can help ...

About ISP Report The Incident Statistics Program was initially created to track safety and accident information across the drilling industry. To ...

KT11 integrated surface down the hole drilling hole is using Cummins three diesel engines as a single power, by both ends of the output at the same time to ...

DTH drilling, also known as Down-the-Hole drilling, is a method used to drill boreholes into the earth's surface. This technique involves a hammer that is ...

Abstract: At 1:30 a.m. on April 13, 2021, an employee was working 30 feet below ground on a Precision Drilling Rig floor running intermediate casing into the well by connecting each length ...



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Blast hole drilling, sometimes also called production drilling, is used in both surface mining (open-pit) and underground mining, both for exploration and production purposes.

Here's a comparison of various borewell drilling equipment types, evaluating them based on factors like drilling depth, cost, efficiency, suitability for different terrains, and ...

Platform drilling rigs themselves are essentially of the same type and construction as land based rigs, with BOPs on sur-face verses subsea, and special considerations to minimize weight that ...

The Pit Viper series, a superior mining industry staple, can be configured with our numerous options to provide the customer's specific needs. The industry ...

Drill rigs are heavy-duty machines specifically designed for drilling holes in the ground to access mineral deposits. These machines come in ...

Drill rigs are heavy-duty machines specifically designed for drilling holes in the ground to access mineral deposits. These machines come in various types, including rotary ...

Open hole and fall incidents are critical safety concerns in various industries, particularly in construction, mining, and oil and gas operations. These incidents not only pose ...

Six hundred seventy-one injuries were recorded over 77.4 million person-hours. The rate on new rigs was 66% of that on old rigs. Roughnecks had lower ...

Technological Advancements in Drilling and Blasting Automation has revolutionized drilling and blasting by improving precision and safety. ...

Since these numbers are so severe, TriTech Safety has made it a priority to publish this article on the most common accidents in the oil and gas well ...

Discover the impact of Down the Hole Hammers (DTH hammers) in urban redevelopment projects. Learn how these specialized tools enable ...

This review is intended as a fundamental guide to various aspects of the technology, including drilling methodologies, flushing, drill hole ...

The Standard design for COP 54 and COP 64 Gold hammers can be used down to a depth of 330 ft (100 m) using a Standard bit size, making it useful for ...

Explore the different types of drilling rigs from the oil and gas industry and understand how each one is built



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for specific depths, locations, ...

Blast hole drill rigs are specialised drilling equipment that makes holes with precise diameters and depths to allow blasting charges. These rigs ...

This article examines several case studies of drilling operations where deficiencies in risk assessment and continuity planning led to operational failures, safety hazards, and ...

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