

The deepwater rig market has benefited from a bullish outlook over the past several months as many available rigs have been contracted, stacked rigs reactivated, and working ...

OverviewHistoryPetroleum drilling industryMining drilling industryMobile drilling rigsAutomated drill rigAuger drillsSee alsoA drilling rig is an integrated system that drills wells, such as oil or water wells, or holes for piling and other construction purposes, into the earth's subsurface. Drilling rigs can be massive structures housing equipment used to drill water wells, oil wells, or natural gas extraction wells, or they can be small enough to be moved manually by one person and such are called augers. Drilling rigs can s...

Explore the different types of drilling rigs from the oil and gas industry and understand how each one is built for specific depths, locations, ...

1 day ago; Baker Hughes reports the U.S. rig count at 537, up 1 on the week, with oil rigs up 2 to 414, gas down 1 to 118; Texas added 2 rigs.

A digital twin framework for gear rack drilling rigs is proposed, built upon an understanding of the digital twin composition and characteristics of the gear rack drilling rig ...

WASHINGTON -- Shortly before 10 p.m. on April 20, 2010, an explosion ripped through the Deepwater Horizon drilling rig in the Gulf of Mexico, unleashing the worst offshore ...

U.S. rig count drops for a second week, hitting its lowest since January as drilling activity slows nationwide, with Texas and New Mexico diverging.

4 days ago; Drilling Industry News Mining & Mineral Exploration Drilling An Autonomous Drill Rig... in a Quarry? Yep, That Just Happened Epiroc and ...

In this article, the aim is to develop a model for efficient energy management using hybrid energy to power a drilling rig. This involves utilizing wind turbines and emergency ...

Around-the-clock, 24/7 electricity," he said. Latimer stood overlooking the project, which is currently under construction, on one of the ...

This paper also presents a method to calculate daily rig cost based on efficiency. Equations for rig efficiency and adjusted daily rig cost are included with a comparison of rig efficiencies. The ...

The number of rigs seeking crude oil fell by six rigs to 472 for the week, down 27 rigs or 5% below the 499

seen last year. The number of rigs drilling for natural gas rose one rig ...

1 day ago· The total number of active drilling rigs for oil and gas in the United States rose this week, according to new data that Baker Hughes published on ...

A drilling rig is a complex machine used in the oil and gas industry to create boreholes for exploration and extraction purposes. This article ...

Understanding the equipment and tools used in drilling rigs is essential for petroleum engineers and drilling engineers alike. These ...

Abstract This paper provides an overview of the common drilling methods and their applications in geology and engineering. The five-drilling methods discussed in the paper are auger drilling, ...

Seven major challenges faced by drilling contractors, ranging from urban site constraints and extreme weather to permitting complications and on-the-fly ...

Offshore drilling contractor Borr Drilling has secured new contract commitments for two of its premium jack-up rigs and confirmed the start of operations for one of its rigs offshore ...

Learn the key types of drilling rigs and how each supports efficient oil extraction. Understand their roles in modern oilfield operations.

This module provides foundational knowledge about the oil and gas drilling industry, covering essential concepts such as drilling techniques, rig types, ...

Drilling rigs (Fig. 3.2) are terrestrial or maritime equipment for perforating the soil and rocks that remove fragments resulting from the operation through the flow of perforation fluid or mud. ...

Well-established in academic studies, OEE is widely used in productivity and performance analysis in the mining industry, mainly intended for drilling, ore load and transport equipment, such as ...

They are designed to create holes in the earth's surface, ranging from shallow depths to thousands of meters underground. But what exactly is a drilling rig, ...

The application of artificial intelligence (AI) has become inevitable in the petroleum industry. In drilling and completion engineering, AI is regarded as a transformative technology ...

It is challenging. Drilling automation focuses on the drilling system and drilling operations, which entail combining various subsystems, including the downhole bottomhole ...



Drilling rig article

The total number of active drilling rigs for oil and gas in the United States fell again this week, according to new data that Baker Hughes published on Friday.

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