



Automated drilling rigs

Durin started designing its first drilling rig earlier this year, and it's capable of boring a hole 300 meters deep and 2.5 inches wide.

Discover how LOGIX's autonomous drilling platform integrated with geosteering software provides insight and recommendations to successfully land the well.

New Papers Show Automated, Autonomous Drilling Systems Headed in Right Direction New case studies highlight how artificial intelligence, advanced hardware, and ...

The Precise system connects with key rig components via remote I/O on the drawworks, top drive, mud pumps, and drill floor. Control everything from the ...

Consistent well delivery LOGIX(TM) drilling performance offers an integrated autonomous drilling solution that drills smart wells consistently, with accurate ...

Nabors PACE's R801 combines our Smart Suite of automated drilling software with Canrig robotics, creating an unmanned rig floor that removes crews from ...

Introduction: The Future of Autonomous Drilling rigs in Mineral Exploration As the global demand for minerals intensifies, driven by technological advancements and renewable ...

This article aims to provide an overview of research trends and state-of-the-art technologies in face exploration and drilling operations in order ...

Autonomous drilling has seen notable uptake, driven by safety and productivity gains and ongoing innovation from OEMs, while blasting is much ...

Nabors retrofitted an existing rig - X29 - with RZR (pronounced razor) and has drilled multiple wells for ExxonMobil in the Permian Basin. In 2021, Nabors ...

Automated drilling rigs are the result of integrating several advanced technologies that work in unison to optimize performance, improve ...

This article aims to provide an overview of research trends and state-of-the-art technologies in face exploration and drilling operations in order to define the vision toward the ...

As the U.S. rig count continues a slow rise in a somewhat muted response to higher prices for crude oil and



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natural gas, two giants of the ...

Nabors Industries Ltd. unveiled a fully automated land rig on Nov. 16 with a "first-of-its-kind robotics module," marking a major industry milestone. In 2021, Nabors and Exxon ...

Greater efficiency and less downtime for onshore drilling The Precise(TM) automated drilling system gives you full control over your rig's functions from ...

It will be able to control more rig systems--fluids, drilling, geosteering--imultaneously. AutoROP is the DrillOps Automate optimized ...

Closed-loop drilling automation pays dividends in safety and cost reduction by reducing rig rental time and extending bit life. Automation is also ...

TAYMACHINERY's Automated Drilling Rigs are state-of-the-art systems designed to enhance precision, safety, and operational efficiency in drilling operations. These cutting-edge rigs ...

Description: Automated drilling rigs use advanced sensors and data collection systems to enhance the accuracy of drilling operations. Application: Real-time data collection and analysis ...

Nabors Industries Ltd. (NYSE: NBR), a leading provider of advanced technology for the global energy industry, today announced its PACE®-R801 - the world's first fully automated land ...

It is designed to enhance safety, efficiency, and precision on drilling rigs by automating various tasks traditionally performed manually in ...

Rio was the first company to achieve fully automated hole-pattern drilling without human intervention. Its Autonomous Drill System (ADS) enables an operator using a single ...

Computer-controlled drilling is slowly changing how the oil and gas industry discovers natural resources. Automated drilling can reduce the number of injuries to zero and ...

It will be able to control more rig systems--fluids, drilling, geosteering--imultaneously. AutoROP is the DrillOps Automate optimized drilling mode during drill-a-stand automation. Unlike ...

Press Raptor Rig is the world's first fully automated drilling rig. Engineered for the future. Reducing the cost of extraction is how O& G will pull the same profit ...

In an industry first for a land drilling rig, ExxonMobil XOM 0.0% subsidiary XTO Energy and Nabors Drilling have reached total depth on the ...



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