



Rig automation

Nabors' fully automated PACE-R801 rig drilled nine wells for ExxonMobil as part of a pilot project that was completed this year. The rig ...

Modular automation technology is transforming the oil and gas industry by bridging the gap between traditional rig operations and modern ...

CORTEX™; Key is the gateway for real-time rig automation. It allows us to tap directly in to our proprietary CORTEX™; platform and connect all systems at the rig site, including rig control, ...

Drilling automation is developing quickly to keep up with today's drilling standards. Rig Floor Automation from H& P tackles the hurdles longer laterals...

Rig automation refers to the integration of automated systems and technologies into drilling operations. This includes the use of robotics, artificial intelligence, machine ...

Halliburton leads the integration of drilling automation - reducing the silos between rig and downhole sub-systems, drilling and sub-surface, and humans and autonomous system ...

LOGIX(TM) automation and remote operations integrates autonomous drilling solutions that enable superior drilling performance on every well. The steering ...

The integration of downhole data with rig control systems is designed to optimize drilling efficiency and ROP, while automation reduces non-productive time and ...

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

The Rig Automation and Performance Improvement in Drilling (RAPID) research consortium is envisioned by its creators as an accelerator of technologies that ...

Drilling rig automation allows for precision and consistency by removing human error from drilling operations, making the process faster and more reliable. ...

6 days ago; R& D Technical Section Q& A: Drilling Automation--People, Process, and the Rise of Smart Rigs This article is the fourth in a Q& A series from the SPE Research and Development ...

Digitalization and automation of the drilling process drive the need for an interoperability platform in a



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drilling operation, where a shared definition and method of ...

Drilling automation is the control of the drilling process by automatic means, ultimately reducing human intervention to a minimum. The concept of automating the drilling ...

NOVOS is the industry's only reflexive drilling system, automating repetitive drilling activities, benefiting contractors by allowing drillers to focus on ...

In the current oil and gas drilling industry, the modernization of rig fleets has been shifting toward high mobility, artificial intelligence, and computerized systems. Part of this shift includes a ...

Automatic Oilfield Workover Rigs, workover rig, The oil and gas industry continually seeks innovations to improve efficiency, reduce costs, and ensure ...

The rig automation strategy brought together three systems: the Intelligent Rig Control System, an on-bottom drilling system and a protection system. The Intelligent Rig Control System enables ...

The world's first fully automated land drilling rig, R801 is a purpose-built proving ground and launchpad for drilling automation. Nabors and ExxonMobil ...

Our drilling rig and drill ship automation systems help companies improve accuracy, reduce cost and increase uptime while maintaining safety. We offer a wide range of proven, robust ...

Rig Automation Rig Automation Package As part of our Rig Automation package, we provide complete system control ranging from Mud Pumps to Drawworks and Top Drive. The IOM ...

The Precise(TM) automated drilling system gives you full control over your rig's functions from one central source. It's designed to make operations safer, ...

Explore the latest innovations in workover rig technology and what's next for the oil and gas industry. Learn how advancements in automation, safety, and sustainability are ...



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