



## Drilling rig down time

How can a drilling business reduce downtime?

A drilling business works only as hard as its biggest assets: the drill rigs. Keeping them in top shape costs time and money, but ignoring maintenance is the surest way to unscheduled downtime. For tips to optimize uptime, we spoke with Gary Crueger of Cascade Drilling and Technical Services.

Do drill rigs need maintenance?

Source: Stephanie Seek/Cascade Drilling and Technical Services A drilling business works only as hard as its biggest assets: the drill rigs. Keeping them in top shape costs time and money, but ignoring maintenance is the surest way to unscheduled downtime.

Should drilling time be reduced?

Here, even modest reductions in drilling time, in concert with strict adherence to optimal HSE standards, can enhance economic margins appreciably. The increased attention to ILT reduction is part of the industry's larger initiative to reduce rig downtime to as low as 1%, which only a few years ago was largely seen as an unreachable ambition.

How does downtime affect oil & gas industry?

This downtime not only impacts overall efficiency but also significantly affects the bottom line. In the oil and gas industry, NPT can lead to substantial financial losses due to the high costs associated with idle rigs and delayed projects.

What procedures should be followed when drilling a rig?

These include, for example, the procedures to be followed while making a drilling connection and getting back to bottom, to rig up and run casing, and drilling a curve section. Procedures were documented based on best practices to reduce downtime and improve performance.

Why do oil and gas companies drill deeper?

Abstract -- As time goes by, increase in world's energy demand forced oil and gas companies to drill deeper in order to produce more oil and gas for balancing world's offer and demand. Non Productive Time (NPT) is the main cause of delays in drilling projects .

rig down 1. vb. [Drilling] To take apart equipment for storage and portability. Equipment typically must be disconnected from power sources, decoupled from pressurized systems, ...

We pay the contractor to mobilize the drill rigs whether on land, or water (floating) or on water using a stationary platform (typically, a jackup barge). Unless there are extenuating ...

Abstract. Non-Productive Time (NPT) is a key measure of cost-effective and successful drilling operations.



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NPT may be caused by various reasons, such as unpredictable ...

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Insights for managing drilling downtime and non-productive time in oil and gas using BI and data analytics for toolpushers.

Understanding the cost of rig downtime is crucial for drilling companies to maximize their profits and ensure efficient operations. From the operator's perspective, rig ...

For the past 2 1/2 years and over 250,000 MODU operating hours, which included up to 8 floating drilling rigs and 17 bottom sitting drilling rigs, downtime data was inputted into a ...

US rig count drops to 584 as Permian Basin drilling hits its lowest level in over three years, reflecting a nationwide slowdown.

When a drilling rig breaks down and requires repairs, you lose time and money. However, with a comprehensive preventative plan, you can ...

Speedotrack Digital drilling Rig Monitoring Solution comes with downtime monitoring of your Mining Equipment Which will help you to track and analyze ...

Reduce NPT in the Oil and Gas Industry: A Guide for Drilling Engineers and Maintenance Supervisors For the purposes of this blog post, ...

Rig move is one of the big and hard operations on the drilling crew that need good planning, Learn more about its procedure & precautions.

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; North American drilling activity increased to a total of 718 rotary rigs working for the week ended Sept. 5. An increase in rigs in Canada led the uptick.

In the oil & gas sector, the cost of an hour's downtime can be staggering, following a clear pattern over the last five years. The higher the oil ...

Abstract This paper examines the methods used to measure drilling efficiency and the difficulties encountered when using various data sources. The analysis examines the ...



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Drilling a well may seem like a straightforward task, but when it comes to the time factor, there's more to it than meets the eye. From the depths of the ground to ...

NPT refers to periods when drilling operations are halted or delayed, often due to equipment failure, weather conditions, or logistical ...

Over several years oil industry is facing troubles associated with the down time. Mechanical failure is one of the causes of non-productive time that have had a major impact on drilling ...

Actual time performance comes from the time recorded for each sequential step in the actual drilling operation. A comparison of actual with standard time limits initially will give the drilling ...

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IADC ART subcommittee efforts focus on collecting downtime statistics The Reliability & Guidelines Subcommittee of the IADC Advanced Rig Technology (ART) ...

Demobilization shall Include: Rig down, set out and labor (including all permits, tracking, forklift and cranes).  
4.3 Moving Rate: During the time the rig is in transit to or from a drill site, or ...

Rig Down: Demobilizing the Drilling and Completion Arsenal In the oil and gas industry, "rig down" is a crucial phase signifying the completion of a specific drilling or well completion operation. It ...

Non-productive time (NPT) is the enemy for an asset intensive business like drilling for oil. This client needed to reduce NPT by shortening the cycle of rig ...



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