



Drilling rigs gone wrong

Could the worst offshore oil rig disasters have been avoided?

Rig explosions, fires, capsizing/sinking, oil spills, and the loss of workers and marine lives have been the most catastrophic forms of offshore oil and gas drilling disasters in recorded history. Investigational reports on some of the world's worst offshore oil rig disasters suggest that most of these accidents could have been avoided.

What causes a drilling rig disaster?

While natural disasters remain an inherent risk, faulty equipment and structural defects constitute a major cause of drilling rig disasters. The malfunctioning of equipment and the lack of seaworthiness of the drilling platforms have been attributed as the main reasons for some of the biggest offshore drilling rig disasters.

What happens if you miss a safety procedure on an oil rig?

Even one mistake or missed safety procedure can lead to a catastrophic blowout. Unfortunately, oil companies often cut corners to save time and money. In doing so, they put the lives of the workers at risk. Fires and explosions that occur on oil rigs are some of the most devastating types of offshore accidents that can ever happen.

How do oil rig accidents affect workers?

In doing so, they put the lives of the workers at risk. Fires and explosions that occur on oil rigs are some of the most devastating types of offshore accidents that can ever happen. The injuries workers sustain from oil rig accidents result in long-term consequences for themselves and their families.

What was the worst oil rig disaster ever?

Piper Alpha The North Sea disaster on Piper Alpha remains the worst oil rig disaster ever. The tragic event claimed the lives of 167 people on 6 July 1988. A communication error between shift changes resulted in a gas leakage which triggered multiple explosions on the platform. Of the 226 workers, only 61 survived.

Are offshore oil rig explosions dangerous?

Luckily, offshore oil rig explosions are relatively rare, but when they do occur, they have catastrophic consequences, including a high number of fatalities and catastrophic injuries. Five of the major recent offshore oil rig explosions are discussed below.

Without proper precautions, these risks can lead to life-altering injuries or even loss of life, highlighting the gravity of ensuring safety on every ...

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From high pressures to over-sized cuttings, plenty of things can go wrong on a drilling project. We talk about common issues drillers face from the ...

The Ocean Ranger was a semi-submersible offshore drilling rig. While it was owned by the by Ocean Drilling and Exploration Company ...

Working on monkey boards entails all the risks of working at heights and working alone. Furthermore, the derrickman must carry out some of the most ...

In 1983, the worst-ever diving accident occurred. Five people working on an oil rig experienced explosive decompression, which caused ...

If readings are still wrong, pull back to the last known drill-head position and verify that the equipment is working properly. Do not start drilling ...

Roads can collapse, sewer lines can rupture, or power lines can be cut resulting in widespread outages. Invariably, insurance claims and lawsuits ...

An offshore gas drilling platform sank off the coast of Venezuela on Thursday, less than a month after a rig sank off the coast of Louisiana and left thousands of barrels of crude ...

Rig explosions, fires, capsizing/sinking, oil spills, and the loss of workers and marine lives have been the most catastrophic forms of offshore oil and gas drilling disasters in ...

Offshore Accidents of the 20th & 21st Centuries History's Worst Oil Rig Explosions, Spills & Accidents Drilling for oil is inherently dangerous. Workers ...

This blog post explores workover rig accidents in the oil and gas industry, examining the role of the safety violations and negligent practices that continue to endanger workers' lives.

History's worst oil rig explosions, spills, and accidents. Get the facts on everything from the 1988 Piper Alpha explosion to the 2010 Deepwater Horizon tragedy.

At the same time the oil workers were watching their \$5 million drilling rig disappear into the lake, workers in the salt mines below the lake ...

In this case, check and calculate the mud consistency, drilling slag inlet and outlet, drill pipe inner diameter, and slag removal equipment, and ...

In 2016, Hollywood produced a film that tackled the daunting subject of the 2010 BP oil spill in the Gulf of Mexico. The film took the name of the failed drilling rig, Deepwater ...



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There are many ways that oil field workers can get gravely injured or killed on a working oil rig. That's why safety must be the number one priority on any drilling rig. But the ...

A small island there was home to a beautiful botanical park, oil wells dotted the landscape, and far beneath the lake were miles of tunnels for ...

The 5 Major Offshore Oil Rig Disasters Drilling for oil is an incredibly dangerous job, with more than 1,500 men and women killed on oil rigs between 2008 and 2017 alone. ...

Drilling gone wrong Me: Drill a 50m rotary hole in 4.5 days?? Sure thing, no problems boss Boss: Oh, by the way... The rigs broken, your van is broken and we're also going to schedule you to ...

In the Gulf of Mexico, what went wrong with the Deepwater Horizon oil drilling rig? Bruce Bullock, director of SMU's Maguire Energy Institute, provided expertise for a story on ...

Among other methods, feasible and acceptable abatement methods to correct the hazard would be for the employer to correctly install and rig the "Geronimo" safety slide ground ...

1 day ago· in quite some trouble. Thankfully nothing too complex to get it out of there, right? Nobody was hurt in this one. But look how far this truck dragged that drill rig. Bad day

The world's worst offshore oil rig disasters The most lethal element in offshore life often comes from harsh weather conditions and the daily threat of an unforgiving ocean.

Explore drilling disasters & their causes in this comprehensive guide. Learn how to avoid them with risk assessment, training & advanced tech.

In a recent video posted to Facebook, you'll see what happens when directional boring goes wrong. Apparently no one was spotting the end of the drill and it broke through ...

In September 2009, operating 400km southeast of Houston, the rig completed drilling the deepest oil well in history - a vertical depth of 10,683 ...

Common Problems In Directional Drilling Projects And How To Overcome Them by ClearPath Utility Solutions, LLC Directional drilling projects, while highly efficient and less disruptive ...

Directional boring, commonly called horizontal directional drilling or HDD, is a steerable trenchless method of installing underground pipes, ...

The Byford Dolphin accident is one of the most major deep-sea accidents to have happened. This incident



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took place in 1983 on the Byford ...

Oil drilling is a really messy topic -- that's been true for a pretty long time. Arguments have flown back and forth wherever a platform for ...

This cell phone video shows a workover rig blowing out tubing out of the hole. It is a little rough as the Man with the phone keeps running, then stops and records for more great oilfield blowout ...

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