



# Swiss down-the-hole drill rig recovery

What happens if a drill rig gets stuck?

The drill rig cannot continue its operations due to stuck pipe. Since this causes expensive downtime, ranging from \$10,000 to \$1,000,000 per day, it is crucial to find a solution as soon as possible. Pipe recovery refers to the procedure by which the stuck pipe's location is determined and the free pipe is cut or backoffed from the jammed pipe.

Can you fish for wireline tools out of a hole?

In order to fish for wireline tools out of the hole, we must use different equipment than would be used for pipe recovery. Common wireline tool issues center around the cable being tangled or wadded in the hole, as well as the fact that attempts at fishing can pull the wireline out of the rope socket or part, further complicating tool retrieval.

How do you know if a drilling rig is stuck?

If the rig is able to circulate drilling fluid back to the surface that is often a good indication of differentially stuck pipe. One technique for freeing the stuck pipe, or avoiding the issue to begin with, is to rotate the pipe string while pulling out of the hole.

What is pipe recovery?

Pipe recovery refers to the procedure by which the stuck pipe's location is determined and the free pipe is cut or backoffed from the jammed pipe. This makes it possible to run fishing equipment down the hole later to grab onto and unstuck the jammed pipe. Differentially Stuck Pipe

How does an overshot work in a drill rig?

A device called the overshot is attached to a wireline cable and lowered or pumped into the hole until it captures the head assembly, allowing the inner tube to be pulled or hoisted back to the drill rig by use of a winch or hoist. Full Hole Locking Coupling Stabilized Locking Coupling The Latch Seat

How do you fix a broken logging tool?

If it is not possible to use either a side-door overshot or a cut-and-thread, then an alternative is to break the weakpoint, and then recover the cable and use the drill pipe to fish for the logging tool. If tool recovery is not an option, then a last resort is to push it to the very bottom of the hole, and then plug it using cement.

Discover the power of down the hole drilling technology featuring superior performance in hard rock, enhanced accuracy, and advanced automation capabilities for efficient and precise ...

Reverse circulation (RC) drilling uses a bit attached to a down-hole hammer to produce a hole. Unlike diamond drilling, RC drilling produces samples of rock ...



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Boart Longyear developed the wireline core retrieval system in 1958 and was the first diamond drilling exploration product manufacturer to offer this ...

In down-the-hole drilling a drill rod is fitted with a hammer at its lower end. The hammer, which is mounted on the drill bit, is activated through the addition of ...

When choosing a down-the-hole (DTH) drilling rig, you need to consider various factors. This article will guide you on how to choose the right down-the-hole ...

Tubing cutting and pipe recovery are critical maintenance and well intervention operations that help ensure continued drilling and production with reduced ...

DTH or Down the Hole Drilling Products. A full range of DTH Hammers for Construction, Mining, Quarrying and Civils applications. Quality products. &quot; ...

Among all the drilling methods, Down The Hole (DTH) drilling is being used more and more widely and has very high efficiency for some cases. Here, we will introduce the ...

If you have drilled for any length of time, sooner or later you are going to stick your drill pipe. Recognizing the different ways drill pipe can get stuck is the first step in prevention ...

Down-the-hole drills are essential for various industries, including mining, construction, and oil and gas exploration. Their ability to bore through tough ...

Unlock the power and precision of Down-the-Hole (DTH) drilling! This ultimate guide dives deep into the mechanics, applications, advantages, ...

DTH hammer is used for drilling holes through a wide range of rock types, the variety of which continues to extend well beyond the original conception of early blast hole drilling. Down-the ...

The onsite geologist was very pleased with the core recovery yield and hole depth, thereby instructing the crew to drill the next hole an additional ...

The selection is competitive and encompasses top quality products for all your drill & blast as well as well-drilling applications. Robit competitive offering in Down the Hole drilling tools: ...

The reason customer want to drill the hole is that drill and blast is the most efficient and economic way to break rock instead of excavating it. ...

The drilling mud washes over the stuck drill pipe to break it free. "But the hole had not been completely reamed, and a donut could not pass through un-reamed ...



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DTH drilling rig, short for Down-The-Hole drilling rig, is a cornerstone of modern drilling technology. Renowned for its efficiency, precision, and versatility, this equipment has ...

AWT provides a safe and simple pipe recovery solution during stuck pipe situations. Our SMART SUB provides a safe side entry for wireline operations ...

Down-the-hole drilling (DTH) essentially involves a drilling hammer at the bottom of a drill string. It relies on three elements for drilling holes: bit loading ...

This article provides a comprehensive overview of the mechanics involved in downhole drilling, including a discussion of drilling fluids, drill bits, ...

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When choosing a down-the-hole (DTH) drilling rig, you need to consider various factors. This article will guide you on how to choose the right down-the-hole (DTH) drill from three important ...

RC, or reverse circulation, drilling is a tried and true drilling method in certain circumstances. Drillers usually use it on large-diameter holes because it is faster and easier to ...

Leopard(TM) DI550 diesel-powered, down-the-hole (DTH) drill has enhanced mobility, a smaller footprint and can serve multiple sites. Designed for DTH ...



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