

**BOOK ONLINE**

Free Lessons Learned Sessions from Merlin

These hour-long online sessions are based on Merlin's extensive experience of complex well delivery globally. They help teams understand key risks and best practices to improve delivery assurance – and they're free.

1. Drilling Modelling

Explore how robust modelling supports complex well delivery. This session highlights how decisions made when planning extended reach or high angle wells can directly influence operational success, through the lens of torque, drag and hydraulics modelling for drilling and tubular running operations.

2. ERD Evolution

Extended Reach Drilling has advanced rapidly, so how has practice evolved to keep up? We'll walk through major shifts in ERD well design and execution, using real case studies to explore lessons learned. Topics include friction reduction, tool reliability, and how rig capability has influenced what's achievable.

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3. Drilling Surveillance

This session focuses on how to spot early signs of drilling dysfunction in real-time in order to maintain drilling performance. We'll share practical surveillance strategies used on complex wells, show examples of data-driven decision making, and highlight how engineers and supervisors can work together to stay ahead of the days vs depth curve.

4. Hole Cleaning

Efficient hole cleaning is vital for success in long horizontal sections. This session outlines our latest hole cleaning videos to show common risk factors like gauge to over-gauge hole transitions and the impact of reduced annular velocity on the hole cleaning system. We explain how simple rig-site adjustments can manage risk and how to monitor trends and intervene before problems intensify.

5. MPD

This session demystifies MPD and its practical applications on challenging wells. We'll review how pressure management improves wellbore stability and reduces risk in narrow margin drilling environments. Expect a clear breakdown of MPD techniques and their applications, equipment requirements, and real-world outcomes from projects where MPD made the difference.

6. Stuck Pipe Prevention

Stuck pipe events are often avoidable. This session shares real lessons learned from field incidents and highlights the design, planning and operational missteps that typically lead to problems. You'll gain insight into practical prevention techniques, early warning signs, and response strategies that can make or break a campaign.

Find Out More

7. Tripping

Tripping pipe seems simple—until it isn't. In this session, we'll cover risks associated with pipe movement, including surge/swab, ECD control, and wellbore stability. Using field examples, we'll highlight good practices for planning and execution, and how effective tripping strategies can protect your hole condition and save time.

8. Wellbore Stability

Unstable wellbores are a common cause of trouble. This session introduces the basics of wellbore stability from a drilling perspective, focusing on how rock strength, mud weight, and trajectory interact. We'll discuss practical ways to diagnose and respond to instability using surface data cues and procedures designed to mitigate or manage problems.