



Coring Services

Jam Mitigation Suite On-Ice™ Half Moon

Reservoir Group's On-Ice™ Half Moon coring technology helped minimize core jamming and maximize core recovery in new exploration well.

Customer Challenge:

A large client in the U.A.E. conducted an exploration job that required cutting core in a highly interbedded heterogenous formation that was never cored before.

While Schlumberger conducted the integrated operations, they looked to Reservoir Group to help maximize core recovery.

Reservoir Group Solution

With a three-week deadline, Reservoir Group along with Schlumberger's IPM team studied the project and recommended using the 100 ft core barrel length accompanied with the On-Ice™ Half Moon Inner Tubes to minimize the risk of jamming in such heterogenous formations and avoid damaging the expected soft layers in between relatively hard layers.

The client agreed with our recommendation and provided full support to execute our On-Ice Half-moon jam prevention system.

The Results:

Combining an 8 ½" and 6"-hole size, Reservoir Group cut a total of 2,336 ft of core and obtained a 96.2% recovery. More notably, the On-Ice Half Moon jam mitigation system allowed for an 89% core barrel efficiency with 29 core runs in both hole sizes. This performance enabled the client to access critical reservoir data delivering high quality core from this unconventional reservoir.

Outstanding Teamwork with the Client, Project Planning and Execution Team



Summary Highlights:

- API Q2 Certified Reservoir Group Team
- Excellent QHSE Observation Cards
- High Level of HSE standards with Zero Incidents

Reservoir Group's High-Standard of Service Quality

Combining our more than 70 years of knowledge, robust QHSE and QMS programs, and advanced technical coring systems, Reservoir Group offers a unique approach to project planning. Our coring experts work with geologists and drilling engineers to understand the project goal and then create a customized technical plan to best achieve your targets so that cost efficiencies are realized, formation evaluation results are improved, and success is achieved.

