Product True Integrity

Drilling Losses

Locates drilling fluid losses

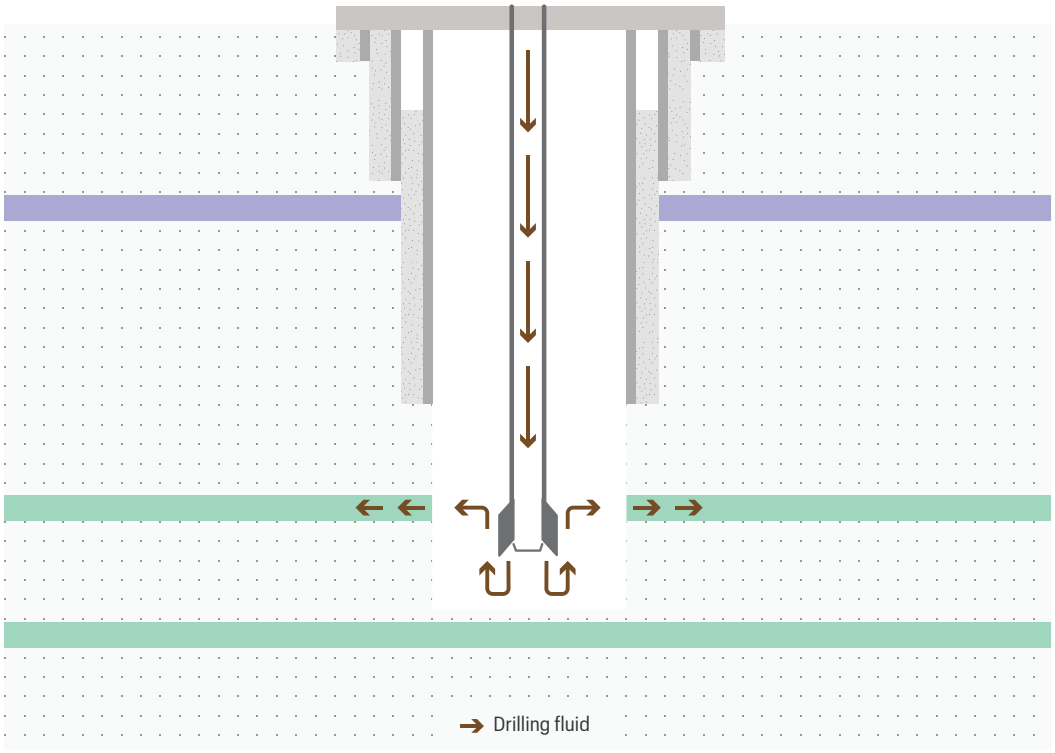
What it delivers

Drilling fluid losses pose a significant risk to operational safety and can stop drilling in its tracks, leading to costly delays. Pinpointing the losses rapidly and accurately is critical to continuing with safe and efficient drilling operations.

Drilling Losses pinpoints lost circulation zones rapidly and accurately, without pulling the drill string.

Delivered by our True Integrity system using the Chorus (acoustic) platform; Drilling Losses provides the precise information needed to target the right remediation approach.

Drilling Losses is used in a targeted fashion to quickly locate the lost circulation zone or zones, so normal drilling operations can resume without further delay.



Well sketch shows loss of drilling fluid during the well construction phase – that Drilling Losses can diagnose.

Drilling Losses gives you the clarity and insight needed to manage the well more effectively.

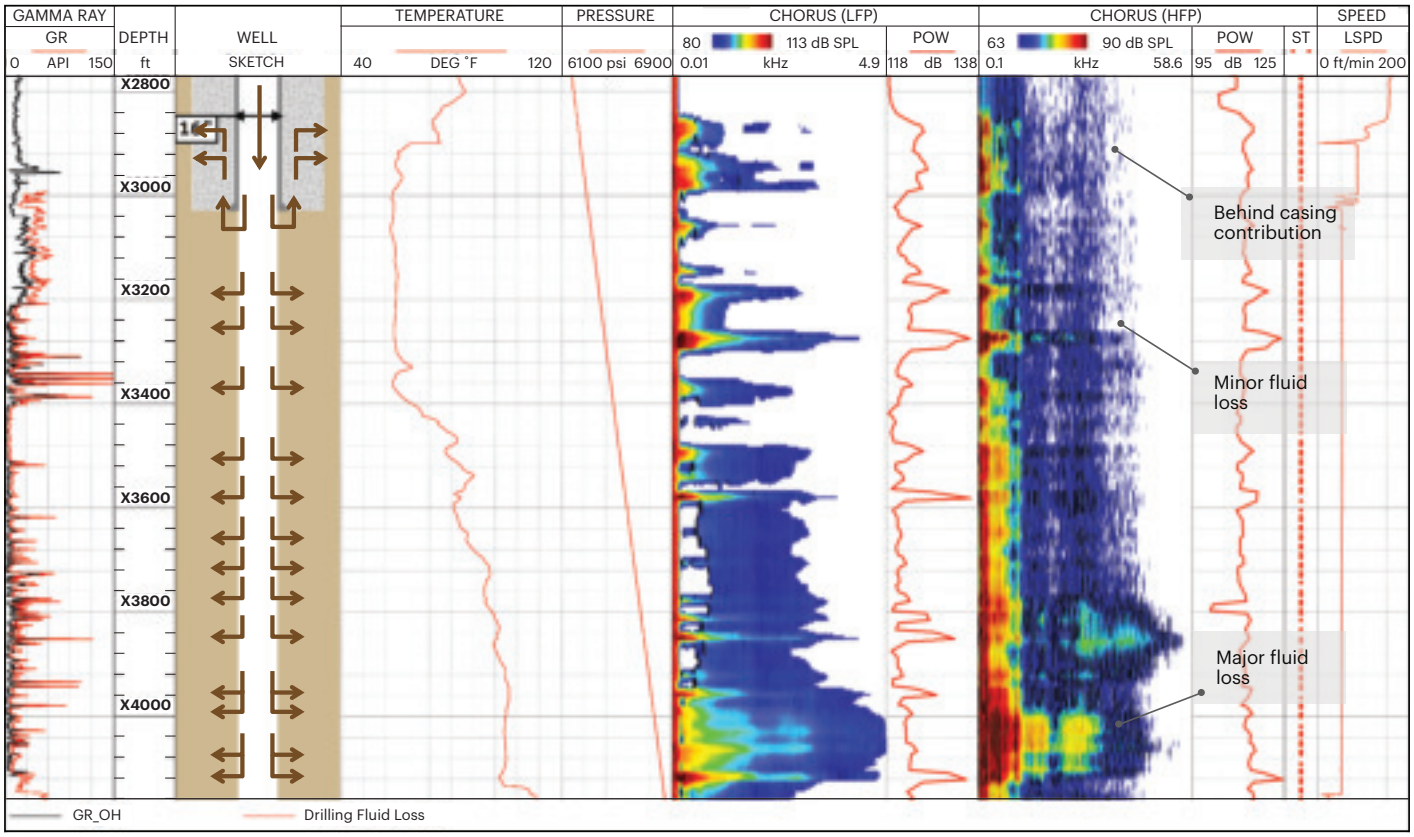
Challenges

- Drilling fluid losses
- Lost circulation while drilling

Benefits

- Locate lost circulation zones rapidly to reduce downtime and cost
- Mitigate drilling risk
- Rapid deployment through-drill pipe minimises disruption and cost
- Better remediation decisions, precisely targeted
- Optimise future drilling programmes to avoid lost circulation and downtime

Indicative logplot for Drilling Losses
Chorus data obtained while the well was experiencing drilling fluid losses indicated active intervals which were taking the fluid. The most active zone or the major fluid loss zone was indicated at the bottom. However, there were other fluid loss zones that have a localised acoustic pattern - this could be due to contributions through the fracture network developed during the drilling process.



Case studies
CS001: Multiple lost-circulation zones identified: the passive acoustic pattern accurately determined all contributing zones.