

# Drilling Technology Screening Process

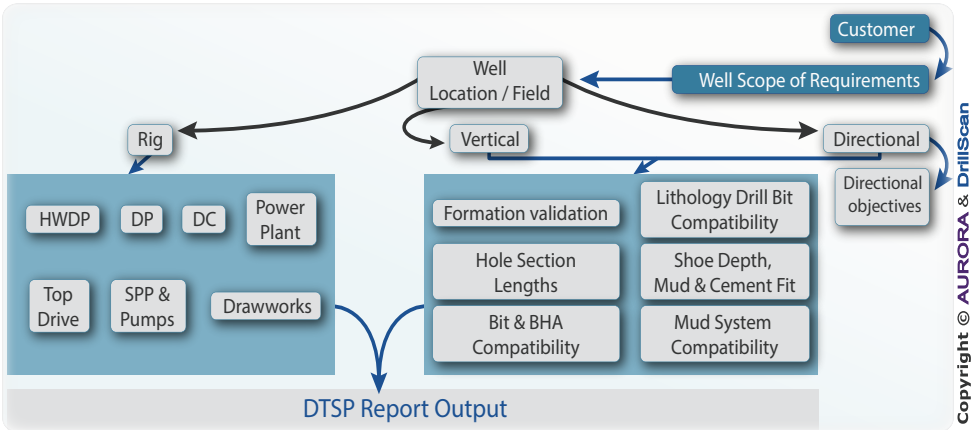
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## Objectives

- Get support and risk assessment for any well project by applying AURORA-DrillScan unique DTSP process
- Evaluate drilling technology against well specific hazards, data acquisition & production objectives
- Evaluate well-planning proposal & anti-collision analysis, addressing survey management gross errors
- Evaluate the mud cementing programmes against the well specific hazards and objectives
- Choose single, multiple or all topics proposed in the Drilling Technology Screening Process

## Benefits / Pre-Well

- Risks are identified and their level are reduced by deployment of fit for purpose mitigation measures
- Main NPT potential causes are identified & contingencies are arranged ahead of running into trouble
- Lost time is reduced with fit for purpose BHA driving systems, drilling equipment & mud systems
- Increase likelihood of achieving technical and economic targets
- Project stake holders working together across disciplines to reach the well objectives



Drilling Technology Screening Process (DTSP): an AURORA and DrillScan combined offer

## Includes

- Quick look T&D & Hydraulics analysis of drilling operations against rig lift, rotate & pump envelopes
- Drilling fluids strategy (mud & cement) and rock mechanics analysed by industry recognised experts
- Well collision avoidance reviewed to ISCWSA best standards by recognised industry experts
- Well planning, bit-BHA proposals, reviewed against lithology and drilling technology technical limits
- Recommendations on drilling equipment, automatic driller, hoisting & reeving function and power plant

## Deliverables and Timing

- Earliest result delivery within agreed days after reception of full and usable set of data
- Delivery of final PowerPoint® or written report within agreed weeks, intermediate reports on demand
- Result support from our most experienced Drilling Champions, upon request
- Result presentation in client's office (optional)