əDrilling
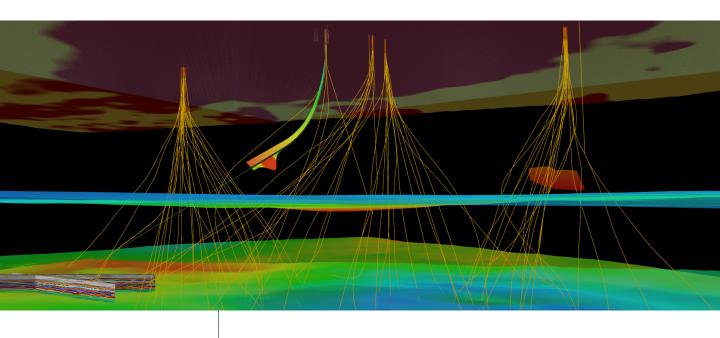

All you need to know for safe and optimal drilling performance – at a glance

wəllViz3D™

- Reduce NPT by better decision support in planning and operations
- Quicker and better decisions as relevant multi-source info is available, visible and displayed in its context
- Multi-disciplinary, distributed teams share same info
- Improved risk management by risk visibility along wellbore/drill string
- Share status/simulations across distributed teams and disciplines (common visual risk register, visual navigator for well documents, simulation results, rationales, etc.)
- Multi-disciplinary collaborative sessions (problem solving, drill-well-on-simulator, design reviews, etc.)
- Unparalleled insight and understanding of well and field during operations

wᴈllViz3D™ is a Real-time 3D down hole visualization tool, making the invisible visible, providing a better understanding of what is going on in and around the well. wᴈllViz3D™ can be connected to a range of data sources, and can visualize the drilling operation in real time in a 3D scene, comprising formations, seismic and all existing and planned well trajectories.

Team members can connect to the same session, and thereby share the same data and info, yet being able to navigate wellbore and information individually.

Combining the wᴈllViz3D with products like wᴈllSim™ or wᴈllAhead™ will give an advantage for decision makers in training, planning or during a real time operation.

Can be used standalone or with:
- wᴈllSim™ product family
- wᴈllAhead™
- wᴈllBalance™

External data sources
- WITS/WITSML
- OPC/OPC UA
- SQL/ODBC

FEATURES
- 3D Visualization with risk/info messages, proximity wells, formations, etc.
- All information visualized in its context
- Three flying modes
- Visualize info sources along BHA or well
- User-configurable view setups
- User-levels with authentication
- Favorite places
- WOB and Drilling speed indicators
- Plotting capabilities
- Gauges with sensor/simulated data
- Formation and seismic layers
- Proximity trajectories
- Near-reality BHA visualization
- Perforations
- Casing/Casing collars
- Whipstock
- Tunnel shapers (awareness zones)