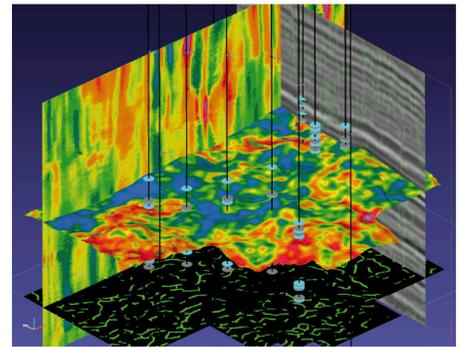
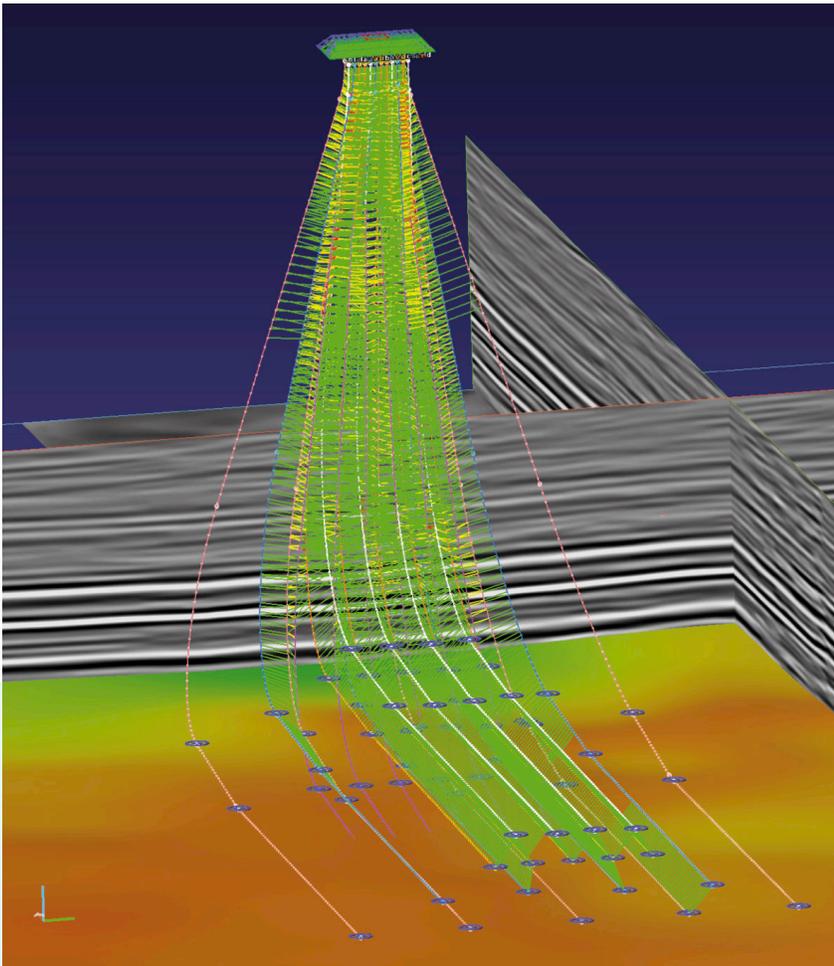


## Optimize Well Path Planning

**InsightEarth® WellPath** shows the real world in 3D, essential for optimal well planning in unconventional and fractured reservoirs. Now you can quickly plan and QC horizontal wells on high-density, multi-lateral pads and confidently deliver plans that drillers can actually drill.

Plan all wells from a single pad, all at once, always in 3D. WellPath lets you view anti-collision results of all planned wells to avoid hazards, legacy wells, and recent completions. You can stay on top of your rig schedules by dramatically reducing planning cycle time from several weeks to a single morning.



### Interactive Well Planning

**InsightEarth WellPath** allows users to perform interactive directional well path planning while adhering to both geological targets and engineering design constraints.

### Geological Constraints

- Optimizing based on fractures, facies, geobodies, reservoir attributes
- Hazards
- Anti-collision tolerance
- Target set design

### Engineering Constraints

- Cost model
- Surface location and surface use constraints
- Casing points
- Dogleg severity limits – shallow and deep
- Torque and drag
- Mill-out point
- “Reachability” cones

### Anti-collision Management

**WellPath** gives well planners the option to choose between center-to-center and separation factors when considering risk management. All wells are displayed with the same method and a color control for minimum, medium and maximum collision risk parameters.

### Comprehensive Solution

Drilling engineers can guide the well path, test multiple targets in 3D, and finalize completion design – all within a unified software solution. For unconventional and fractured reservoirs, you can rely on the **InsightEarth** portfolio from GeoSoftware – a powerful advantage throughout the field lifecycle.

