

— **CASE STUDY:** SOUTH AMERICA

Revealing sub surface structures in ultra-high definition with VisiTrak UHD high-definition geospatial navigation and mapping service

— **CHALLENGES**

- Deliver real-time mapping of remote boundaries to optimize landing in a challenging turbidite environment
- Map the channel morphology in lateral sections

— **SOLUTION**

- [VisiTrak™ UHD high-definition geospatial navigation and mapping service](#) with advanced parametric/hybrid inversion
- 2D inversion analysis to deliver on channel geometry

— **RESULTS**

- Ultra high-definition inversions deliver clear dynamic depth of detection
- Clear delineation of the channel geometry through 2D inversion delivered in SEGY and visualized with Kantori™ autonomous well construction solution, our unified digital portfolio
- Ultra high-definition inversion, integrated with the image interpretation, dynamic depth of detection, and confidence analysis
- Close communication and collaborative teamwork deliver on all objectives
- Published (*SPWLA-2024-0063*)

