

Successful first deployment of VisiTrak UHD in Nigeria: Enabled full reservoir mapping

CHALLENGES

- Facies heterogeneity
- Inter-channel communication
- Fault sealing / transmissibility, compartmentalization
- Geosteer to maximize the oil recovery in the targeted reservoir compartments

SOLUTION

[VisiTrak™ UHD reservoir mapping and navigation service](#)

RESULTS

- Fully mapped the reservoir architecture along the wellbore:
 - Continuously mapped top and base of the targeted sand bodies in the five reservoir compartments providing an accurate estimate of the sand thickness
 - Interpreted sub-seismic faults and throw defined from the VisiTrak UHD inversion
 - Mapped local dip variation along the lateral section
- Maintained a smooth wellbore

