

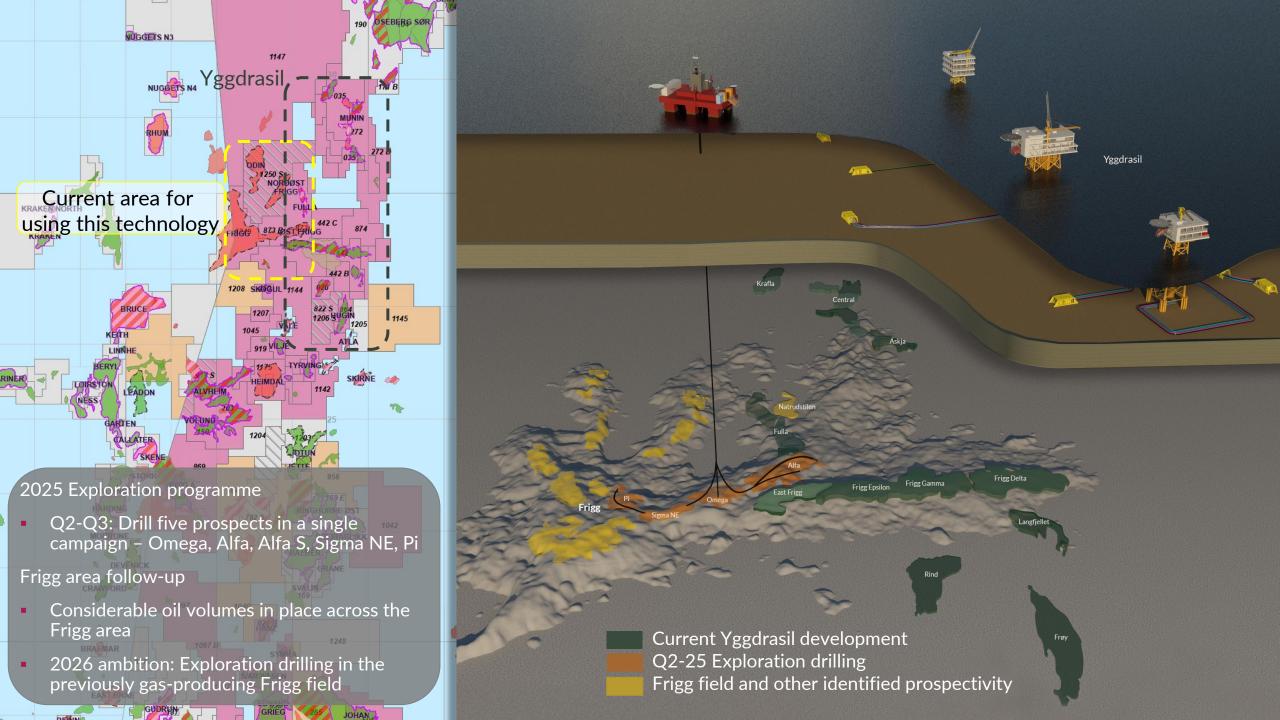
## The hunt for forgotten barrels: the "thin" oil column in produced gas fields - Frigg Fields

Using UDAR (Ultra Deep Azimuthal Resistivity) real-time data in Exploration to map re-migrated oil accumulations











## Seismic data and UDAR

Initial flat spot dominates the seismic signal; barriers identified by wells can't be directly picked on current seismic UDAR data in long horizontal well needed to map the re-migrated oil accumulation

## Seismic data

- Top Frigg Fm easily mappable
- Flat spot (IGOC) dominates the signal
- Target interval contains variable residual hydrocarbons (residual gas +/- residual oil, and high saturation oil intervals)
- Shale barriers below seismic resolution

