

Innovative cement combination achieves zonal isolation and saves three days of rig time

CHALLENGES

- Prepare an extended open-hole section to enable effective cementing for an oil producer well
- Maintain wellbore stability
- Prevent fluid losses in zones with low fracture gradient zones
- Manage cementing across exposed reservoir intervals
- Navigate highly variable pore pressures and weak zones

SOLUTION

Baker Hughes recommended a cementing design incorporating the **Sealbond Ultra LT™** and **MCS- Alpha III spacer system** for optimized mud removal.

The Sealbond Ultra LT cement system, composed entirely of an all-organic polymer, functions by forming a resilient film across formation walls through differential pressure, effectively minimizing fluid lead-off.

RESULTS

- Secured zonal isolation of exposed reservoirs - confirmed by cement evaluation log
- Recovered cement returns to surface
- Enhanced hole cleaning for mud removal with the combined cement solution, improving wettability from oil-wet to water wet
- Extended the production life of the well by achieving zonal isolation
- Reduced operational costs by eliminating remedial jobs and saving three rig days

