

# Deepest Retrievable APS Straddle System

During noise logging operations, an unwanted zone was discovered. It was estimated that 30% of the injected gas was being taken by this zone alone. Our objective was to isolate the zone taking all the gas at this unwanted depth, and force it down deeper to the zones that it was intended to reach. The unwelcomed zone was located between 10,377m - 10,400mMD, at this depth it was the deepest shut off operation we had been tasked with. All of the gas injection in this well was intended to reach zones below the depth of 11,531mMD.

## SOLUTION

- The new 572-700 Medium Expansion (ME) based three run APS from Interwell which boasts a large 4.0" ID was chosen for the job.
- To minimise toolstring length, the Interwell Electronic Setting Tool (EST) was chosen as it is the shortest setting tool of its type on the market.
- The EST also gives the client the benefit of being able to monitor the whole setting sequence.

## VALUE CREATED

- The large ID allowed for good injection through the system into the lower zones.
- This allowed enough pressure support to support surrounding well's that produce from that reservoir.
- The ME APS also allows the client the benefit of running an Interwell retrievable bridge plug through the system if need be.

