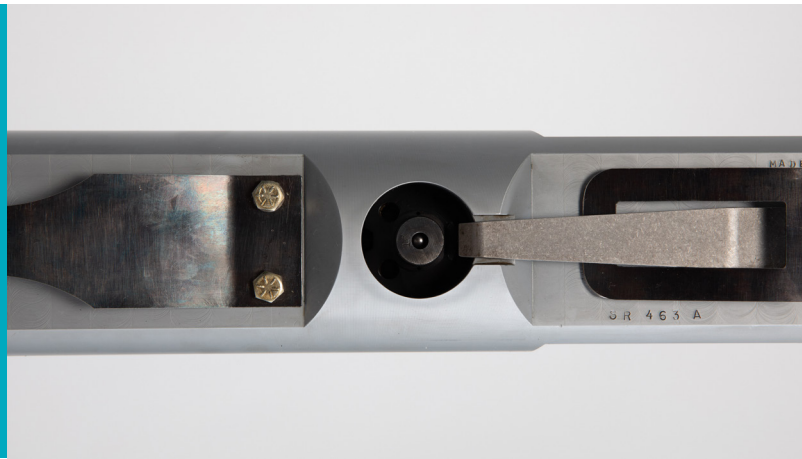


Expro Excellence

Expro helps a customer to double the oil production from their well on gas lift

Well Intervention

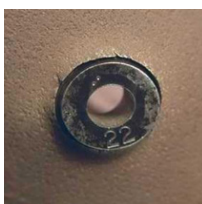


Customer challenge

- Expro were engaged by a customer to discuss solutions to improve production from one of their wells on gas lift. Over a period the customer was seeing a decline of oil production from the well due to the increase of water cut, which subsequently decreased the efficiency of the well's legacy gas lift design
- The customer was looking for the most effective and cost-efficient method for improving oil production
- The solution proposed was to install an additional gas lift capability below the lowest existing gas injection point
- Modelling indicated the installation of the new, lower gas injection point would double the production from the well



Orifice insert
inside of tubing view



Orifice insert
outside of tubing view

Expro Excellence

- The customer used a Slickline deployed Expro Kinley Perforator tool to install a 16/64" check valve 412m below the bottom gas lift mandrel
- The customer had prepared the well prior to the well remediation by drifting and cleaning the well bore as well as bleeding down the annulus to create a slightly overbalanced condition
- Deployment of the Kinley Perforator on Slickline enabled the customer to minimise costs
- Expro has a significant track record with over 20,000 runs with the Kinley Perforator tool

Value to the client

- The customer was able to optimise the lift performance of the well
- Expro saved the customer ~ 50% on the intervention cost by using the Kinley Perforator tool vs a traditional gas lift pack-off assembly which also requires additional hardware in the wellbore and creates a smaller ID creating a production restriction in the well
- The successful completion of this intervention has resulted in Expro replicating this service on other assets for this customer
- Expro's Kinley Perforator lowered the overall risk to the customer due to the reduced time Slickline was required to be rigged up on the well. This also equated to less asset down time, increased asset operating time and helped reduce the associated like for like operational carbon emissions for the customer

Cost effective



Increased productivity



Contact

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