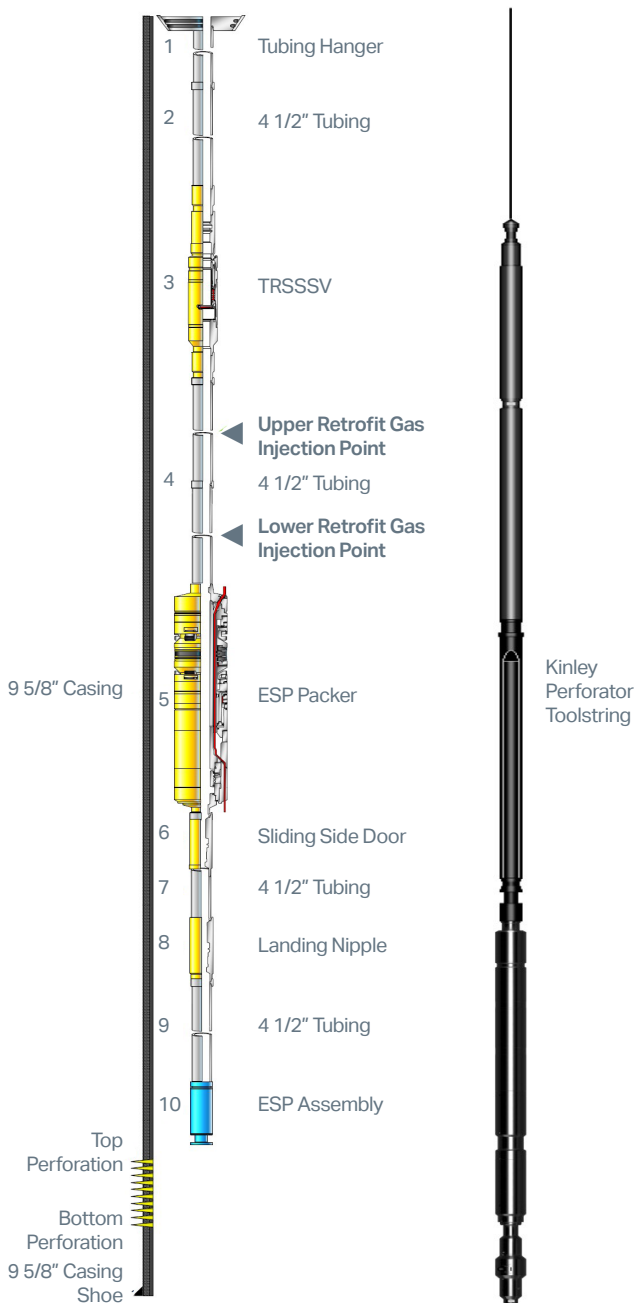


Expro Excellence

Non-Hazmat Kinley Perforator technology enables fast track retrofit gas lift installation in offshore platform wells

Well Intervention and Integrity



Objectives and background

- A customer in Oman experienced Electrical Submersible Pump (ESP) failures on two of their offshore platform production wells
- Working over the wells to replace the ESPs to re-instate production would be costly and time consuming
- The customer had available gas capacity to re-inject on the Platform, so they contacted Expro to model and propose a retrofit gas lift solution for the two wells

Expro Excellence

- Expro modeled the retrofit gas lift solution for both wells in five days
- The solution avoided the need to contract a jack up rig to perform the well workovers
- The solution was mobilized in fourteen days
- The Slickline deployed, non-hazmat Kinley Perforator system is able to be mobilized by air, sea and land to any location around the world without the need for dangerous good declarations or permits
- Three runs were performed in the two wells installing Orifice Check Valves with sizes 12/64", 14/64" and 16/64"

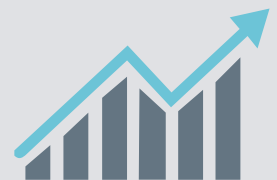
Value to the client

- This solution resulted in the two wells being brought back into production in the most operationally efficient manner possible
- When production was re-instated the first well flowed at a rate of 3,500 Bbbls/ day and the second well flowed at a rate of 4,000 Bbbls/day
- The rigless retrofit solution enabled the customer to avoid costly and time consuming workovers with a Jack-up Rig

Cost saving



Enhanced production



Operational efficiency

