

# 30 Well Campaign Completed in the UAE for 10,000psi Gas Wells, United Arab Emirates



## THE CHALLENGE

The customer required a packer design to achieve 10,000psi with an API 11D1 rating of V0. A single packer was needed to accommodate a wide range of 7.000" casing from 26lbs/ft to 32lbs/ft and enable a minimum well life of 25 years.

Certain customer-specific design requirements needed to be incorporated such as anti-rotation for ease of milling, AFLAS® elastomers and an envelope to suit the extreme load cases that would be seen during the life of the well.

## THE VIKING SOLUTION

Modelling was performed on the customer's well life-cycle to determine the requirements for the operating envelope. Viking then designed and qualified a Permanent Packer, to the required envelope, which utilised a combination of Inconel 925 and AISI 4140 materials to achieve the optimum balance of performance versus cost.

The packers were delivered ahead of the contracted lead time and, like all Viking equipment, were manufactured in the United Arab Emirates.

## PROJECT RESULTS

All packers were installed by the Viking operations team over a 6-month period with a 100% success rate.

For each installation, the Viking technical team were on-hand to support the customer throughout the process, performing tube move calculations and giving recommendations for the running and setting of the completion.

This complete equipment and service approach, along with efficient installation timing, resulted in significant cost savings to the end user across the entire project.

### Well Data

Location:	United Arab Emirates
Well Type:	Gas Producer
Installations:	30
Timescale:	6 months
Casing Size:	7.000" 26# to 32#
Tubing Size:	3-1/2" 9.2#
Pressure:	10,000psi
Temperature:	40-177°C



PROUDLY MADE IN THE UAE



Scan to speak to our team

Viking Completion's Permanent Packers are utilised globally in wells where high-performance is key.

