CASE STUDY- 2026- North Sea

Clamp Detection with SPACE® Panorama®

Challenge

One of the top producing wells was constrained by low gas lift rates caused by recurring annular plugging. A retrofit gas lift straddle was selected to restore lift performance, requiring multiple holes to be made in the 7 in tubing. To avoid damaging the chemical injection line, the holes needed to be placed on the opposite side. Accurate identification of the chemical injection line orientation within the planned setting interval was therefore critical before executing the intervention.

Solution

SPACE Panorama was deployed to locate the clamps securing the chemical injection line. The tool identified the orientation of six consecutive clamps, all positioned toward the low side. With the chemical injection line orientation confirmed, the required holes were drilled in the tubing, and the retrofit gas lift straddle was installed successfully.

After establishing the new gas lift pathway, oil production from the well doubled.

Oil Production doubled

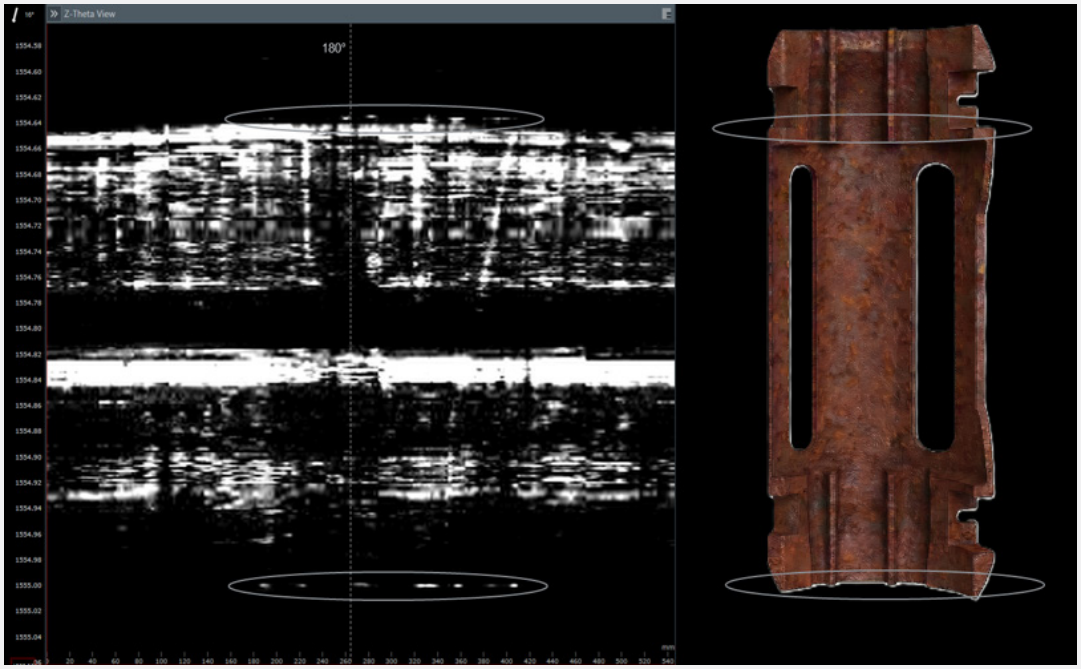

Figure: Clamp body detected near low-side (180°)

"The successful use of SPACE® Panorama, together with Archer, reduced operational uncertainty and enabled precise execution of the intervention, contributing to a successful outcome and improved well performance"

- Amine Bouhouche, Interventions Lead - EIGA Subsurface, AkerBP