

CHALLENGE

The customers' SCSSSV had failed numerous times in recent years due to scale build-up. The SCSSSV had failed again, and camera images showed scale buildup and a possible damaged flow tube. The customer wished to clean the SCSSSV to be able to place an insert valve. Due to numerous successes with BLUESPARK® on past wells, the customer rush mobilized Blue Spark Energy to treat the SCSSSV.

HIGHLIGHTS

Conventional oil field
Horizontally drilled

CONDITIONS

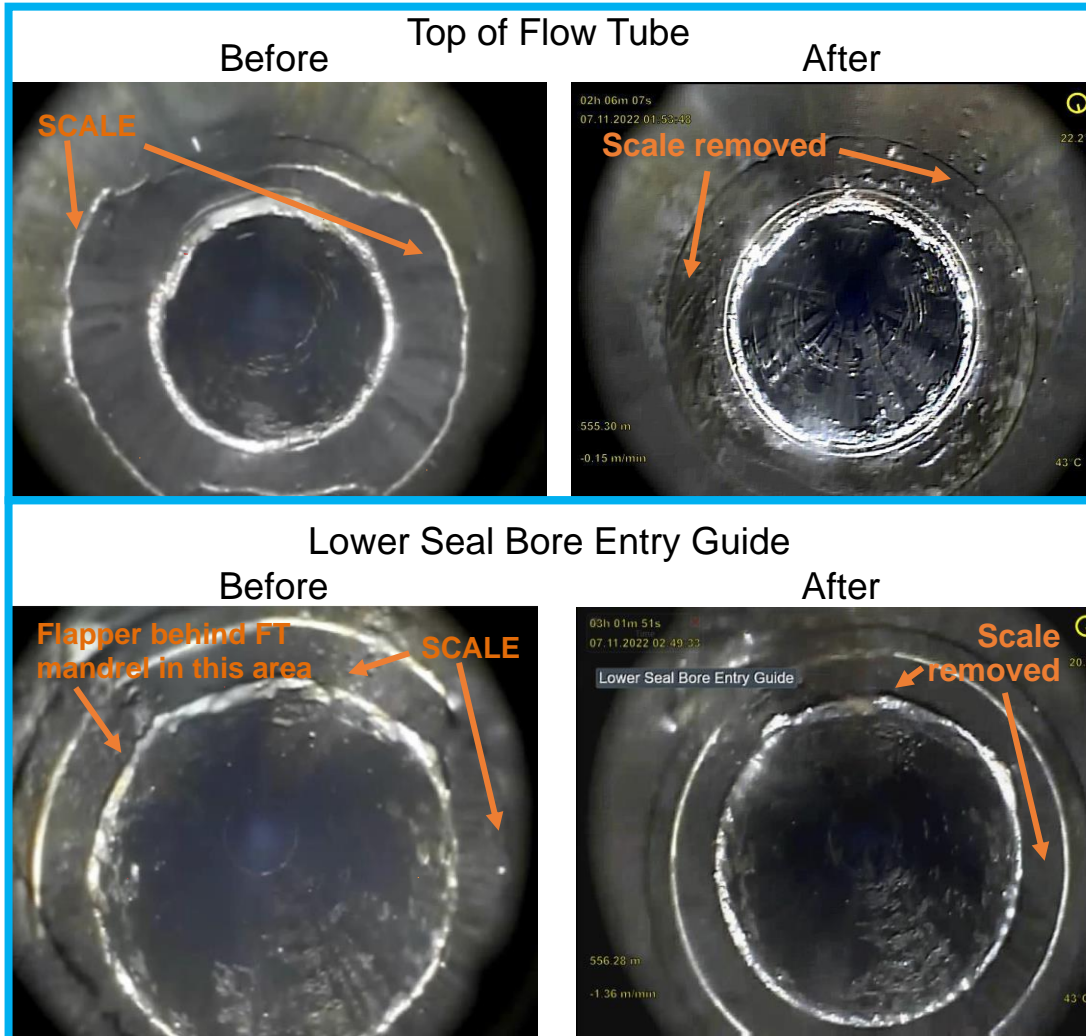
Depth: 1,800 ft (550 m)
Temperature: 35 °C (95 °F)
Treatment in 23° deviation section

Scale Removal



OUTCOME

- The SCSSSV scale was removed by BLUESPARK®, resulting in a successful inflow test and no need for an insert valve



SOLUTION

Remove scale from the SCSSSV using electro-hydraulic pulsing technology

- The BLUESPARK® 275 tool with a Fluid Hold-Up Tool was run on third-party E-Line to the treatment interval of the well
- Two pulsing passes were made over a 13 ft (4.0 m) interval in a treatment time of 6 hours
- An inflow test of the SCSSSV was performed, which passed
- The flow tube appeared to be functional, resulting in no requirement to set an insert valve