

HalKleen™ G Scale Removal Service – Case History 1

Challenge

- Well A - Offshore oil producer, casedhole and perforated completion.
- Low pressure, heavy oil (11°API), producing through ESP
- Calcium sulfate scale inside the ESP pump (increased operating temperatures of the pump)
- XRD analysis revealed >90% CaSO₄
- Typically, ESP's had been damaged leading to well maintenance and intervention costs, lost time, and deferred oil production for this field.

Solution

- 25-bbl pill of HalKleen™ G scale dissolver
- Pumped through the production tubing and allowed to soak for 1 hour on the ESP pump

Results

- ESP motor temperature decreased by 13°C.
- Well is currently producing at expected rates

