

FORSA scale remover reduces workover costs by 90% on a Duvernay pump jack well

CHALLENGES

- Without warning, a producing pump-jack well began experiencing severe production decline over a period of seven days leading to a loss of ~6 m³/day of oil production
- It was determined that iron-based solids had plugged down hole pump and an intervention by a monthly service rig was required to restore the well's targeted production volume
- Hot water flushes without SRW6990 lasted 12 days with sharp production drop off

SOLUTION

- Baker Hughes proposed and implemented a [FORSA™ flow assurance solution](#) (SRW6990) scale remediation treatment. The pure product was injected with produced water to achieving the desired 330 ppm concentration down hole
- This treatment eliminated the need for weekly hot water intervention while meeting all the operator's KPIs
- The batch treatments frequency was optimized based on monitoring

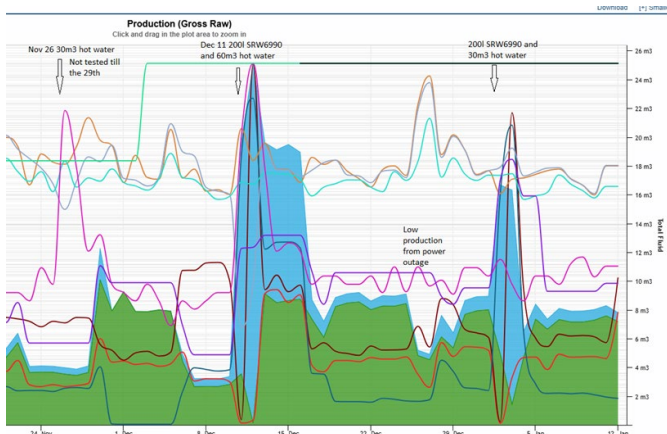
RESULTS

100+
m³/month increase
in net-oil production

\$55k USD
in monthly cost-savings

ZERO
need for monthly workovers

Only two days
needed to recoup investment cost



Production trend data showed improved stability with higher production peaks and uplift after treatment.

Additional data related to pump efficiency confirmed that the treatment reduced pump distress to stabilize loads and provide smoother pump runs.