

SuperCorr[®] Corrosion Inhibitor Eliminates Failures

Area
Redvers

Formation
Souris

Form of Lift
Progressing Cavity Pumping System

PureChem Products
SuperCorr[®]

Challenge

- A major Canadian operator had a well in southeast Saskatchewan that was experiencing tubing and rod failures every 30-45 days.
- The well was being treated using continuous injection down the annulus.
- 14 litres/day of conventional corrosion inhibitor was being injected.
- The well had high CO₂, H₂S and bacteria counts.
- Fe was 62 and Mn was 0.3 with black water.
- Production on the well was 4m³ of oil and 340m³ of water per day.

Solution

- A SuperCorr program was started in April 2013.
- Iron and manganese monitoring was implemented.

Benefit

- The well has not experienced any failures since switching the well to SuperCorr.
- Fe has dropped to 0.9 and Mn dropped to 0.08 with clear water.
- With the implementation of the SuperCorr program on this well, cost savings were in excess of **\$385,000/year** when chemical costs, workover costs and lost production were factored in.

