



Case History Viking Oil

Zone: Viking **Type:** Pumping oil well
Oil: 0.40m³ **Gas:** 0.20 E³M³ **Water:** 0.18m³

History: The production from this well had declined from 5.72m³ to 0.40m³ over the last 12 months. It was noted in the pump reports that the presence of scale had been found.

Product: The Petrotreat SRW54 Scale Remover was found to be well-suited for this application. The SRW54 Scale Remover is a proprietary blend of HCL, acid inhibitors, iron control agents, alcohols, solvents and surfactants. This product provides synergistic action enabling it to strip hydrocarbon film, break down paraffin/asphaltene deposits while water wetting the sandstone matrix allowing the acid to contact and dissolve scale deposits. The alcohols in this blend assist with the liberation of formation fines and sand.

Treatment: This Viking oil well was treated with 4000 litres of Petrotreat SRW54 Scale Remover. The product was squeezed back into the formation using clean produced oil. To optimize costs the bottom hole pump was left in the tubing but was stroked up prior to the introduction of the chemical. The well was shut in for 18 hours to allow the acid to spend itself.

Total Costs: \$8,700.00 (including pressure and tank trucks)

Results: The data reflected on the graph below illustrates how the well responded to the treatment. The well currently produces 10.0m³ oil and 1.25E³M³ gas. With a net back of \$315/m³ oil and \$210/E3M³ gas the treatment paid out in 6 days. After 15 days of production the well has provided \$29,336.00 of incremental revenue over and above treatment costs and prior production values.

