



CASE HISTORY

Reservoir Optimization

PosiFrac® Multi-stage Straddle System

STRADDLE TEST AND TREAT

Screen and gravel pack plugged: Acid stimulation required

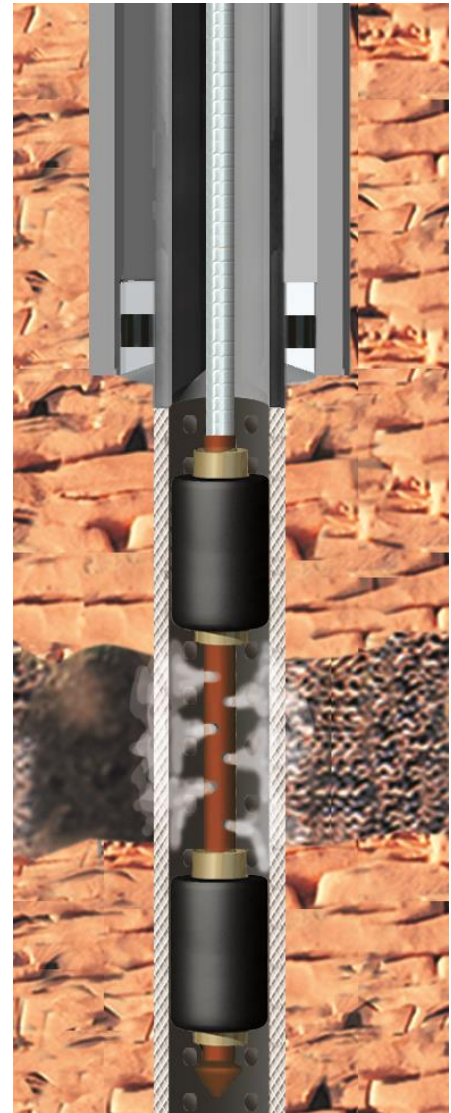
Location: Trinidad



CHALLENGES: A gravel-packed oil well, offshore Trinidad had exhibited severe decline in production rate as a result of calcium carbonate scale buildup in the screen. A near vertical well completed with a 3 ½" gravel-packed screen in a sandstone reservoir with known scale buildup problems with time and associated water production.

SOLUTION: A 2-5/8" OD multi set inflatable straddle assembly was run on 1-3/4" coiled tubing and inflated inside the blank section of each 3-1/2" screen joint. 100 gallons/ft of 7-1/2% HCL acid was pumped at matrix rates to remove the scale. The straddle tool was reset across each of 12 screen joints and the acid treatment repeated.

RESULTS AND BENEFIT: Well placed back on production with a 3 fold increase in total production rate.



*PosiFrac Multi-stage
Straddle System*