**Case History**

Reservoir Optimization  
PosiFrac® Multi-stage Straddle System

**Straddle Test and Treat**

Screen and gravel pack plugged: Acid stimulation required

**Location:** Trinidad

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**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.