

# COST EFFECTIVE OIL WELL STIMULATION



## HISTORY

Pumping oil well in NEBC. Well produces from Charlie Lake formation and is one of many pumping wells in the field. Formation pressure is supported by waterflood.

## PROBLEM

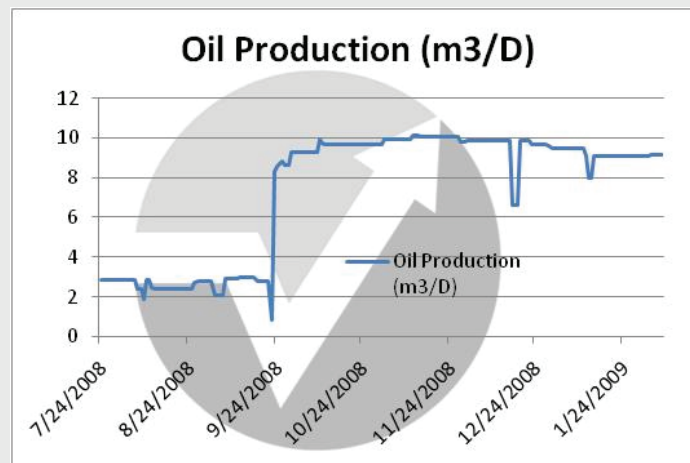
The producer suspected the well was not producing to its full potential. Good bottomhole buildup pressure with less than expected daily production led producer to conclude skin damage was the cause of poor inflow. Wells in this field have a history of scale and paraffin.

## PROGRAM

Stimulate analyzed scale and paraffin samples from offset wells. The recommended stimulation program involved a 2-stage squeeze treatment: A D-ParXL solvent squeeze to remove organics, followed by a D-Carb115 acid squeeze to remove the inorganic scale damage.

## CONCLUSIONS

Cost for this stimulation was \$8,600.00 all inclusive. Pay back on this stimulation was 3 days with an annual ROI of 6,500%. This cost effective stimulation was completed without a service rig and all pumping was performed from surface. Stimulate has logged over 130 stimulations similar to this type of program with a success rate over 90%.



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