



## CASE HISTORY

Reservoir Optimization

PosiFrac® Multi-stage Straddle System

### SELECTIVE TEST OR TREAT - ACIDIZING

Selective treating required in horizontal well to remove formation damage due to drilling operations

Location: Canada



**CHALLENGES:** 6- $\frac{1}{4}$ " open hole horizontal well in a fractured carbonate, oil reservoir was producing 70 BFPD with 75% water cut.

*PosiFrac Multi-stage Straddle System*

**SOLUTION:** Ran 5- $\frac{1}{2}$ " OD inflatable straddle with 100' spacing between packers on 2- $\frac{7}{8}$ " tubing. Inflated straddle packers near toe of the lateral and performed matrix acid treatment using 15% HCl. Released packers, pulled up hole, re-set and treated new interval. A total of 49 selective treatments were achieved on a single trip in the well.

**RESULTS AND BENEFIT:** Production rate increased to 500 BPD with 37% water cut. Resulting oil production increase of 300 BPD resulted in payout of less than 8 days.