

Stimulation Program Results in \$300,000 Increase in Oil Production Over Three Months

Area

Red Earth

Formation

Slave Point, Nipisi, Keg River

Form of Lift

Pumpjack and ESP

PureChem Products

PO-23 and PC-419

Outstanding Return on Investment!

Net potential value/annualized production increase * **\$1,254,516**

*Based on \$50/bbl oil

Challenge

The customer approached PureChem looking for a solution to the continued decline of production on wells in the area. PureChem had performed a small solvent wash on some of the wells three years ago resulting in improved production that lasted approximately one year. During the period of lower oil prices, the customer had elected to let paraffin build up go untreated.

Solution

After performing solvency and dispersability testing, PureChem advised that a larger solvent stimulation should deliver the results they were looking for. The customer selected three candidate wells for our in-house stimulations expert to write customized stimulation programs for.

Benefit

All three wells responded positively to the stimulation. Each well recognized increased production immediately. On one of the wells, total fluid production more than tripled with daily oil production increasing 11m³/day.

The wells continue to produce beyond the three months with no paraffin issues. PureChem will continue to monitor these wells and work with the customer to determine if and when another stimulation program might be beneficial.

The customer has decided to roll this practice out to many of their surrounding wells that are suffering from the same decline in production.