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Case Study: ZCor200

Cost Reduction in Workovers

Summary: Cost Reduction in Downhole Workovers

A Montney producer was facing ongoing workovers for dewaxing, which had become a significant expense. ZEROCOR Tubulars offered a solution that the producer accepted. Previously, the producer incurred costs of $10,000 every 10 days for dewaxing treatments. This process involved running knives, pumping diesel, and flushing with chemicals to manage pressure and production rates in their well. The accumulation of wax on the tubing walls led to pressure drops, resulting in additional dewaxing, and clean-out expenses for the operator.

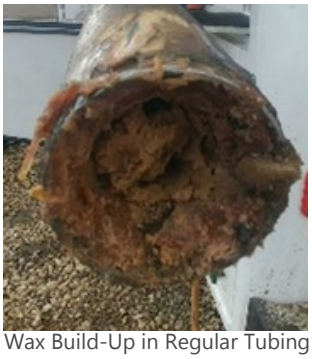
Operators are actively developing their land positions in the Montney formation, located in NE British Columbia and NW Alberta. ZEROCOR Tubulars continues to deliver value and cost-effective solutions for these operators.

Overview

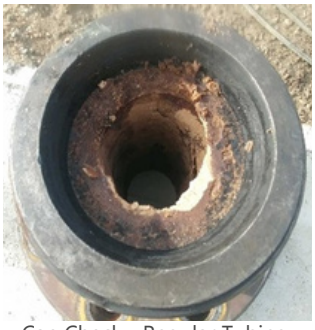
Completion: 2-3/8" (60.33 mm) L-80 Production Tubing with ZCor200
Location: W6, NW Alberta
Deployment: Montney Formation
Product: Condensate-Rich Natural Gas
Operator: Large E&P Operator

Objectives

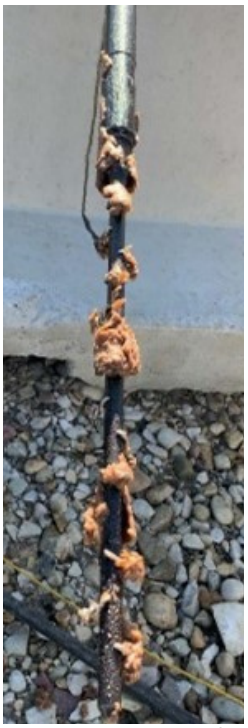
- Reduce costs and enhance operational efficiency.
- Prevent wax build-up on pipe walls that can impact gas lift pressure.
- Decrease wax crystallization and deposition around the tubing string.
- Minimize the need for clean-out interventions in the wellbore, ensuring unrestricted production flow.
- Lower spending on wax inhibitors, dispersants, and anti-sticking agents.



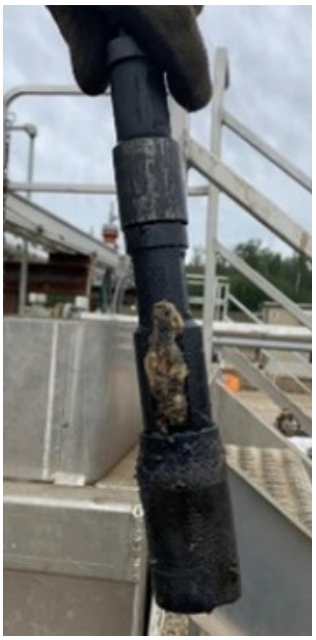
Wax Build-Up in Regular Tubing String After 10 Days



Cap Check - Regular Tubing, Wax is Hardened and Dehydrated



Dewax Workover, Knife Run After 10 Days Run-Time



Minimal Wax on Gauge Ring, No Knives

Cap Check - Coated Tubing, Wax is Soft, Not Dehydrated

ZCor200 Coated Tubing (Purple Band)

Results

- Downtime has been significantly reduced.
- Workover costs have decreased because there is no longer a need for knives or scrapers for dewaxing.
- Chemical remediation costs have been significantly lowered.
- Well interventions and maintenance have been minimized.
- The Carbon Footprint and waste have been reduced.
- Gas lift costs have decreased by 25% due to the absence of wax.
- Wax deposits are prevented from adhering to the surface using ZCor200, a low friction coefficient coated tubing (0.187).
- **ZCor200 offers an environmentally friendly, Green Solution.**