

North Dakota Operator Eliminates Tieback Strings on Pad Wells

Shallow KOP Causes Casing Wear

Operator experienced 7" intermediate casing wear on pad wells due to a shallow planned kick off point (KOP) at approximately 2,000ft MD. The 7" casing integrity was comprised requiring a production tieback to be run to surface prior to fracking.

WWT NRPs Create Drill Pipe Stand Off

WWT's Non-Rotating Protectors (NRPs) were installed above the tool joint connection creating a stand-off between the drill pipe and casing to prevent wear.

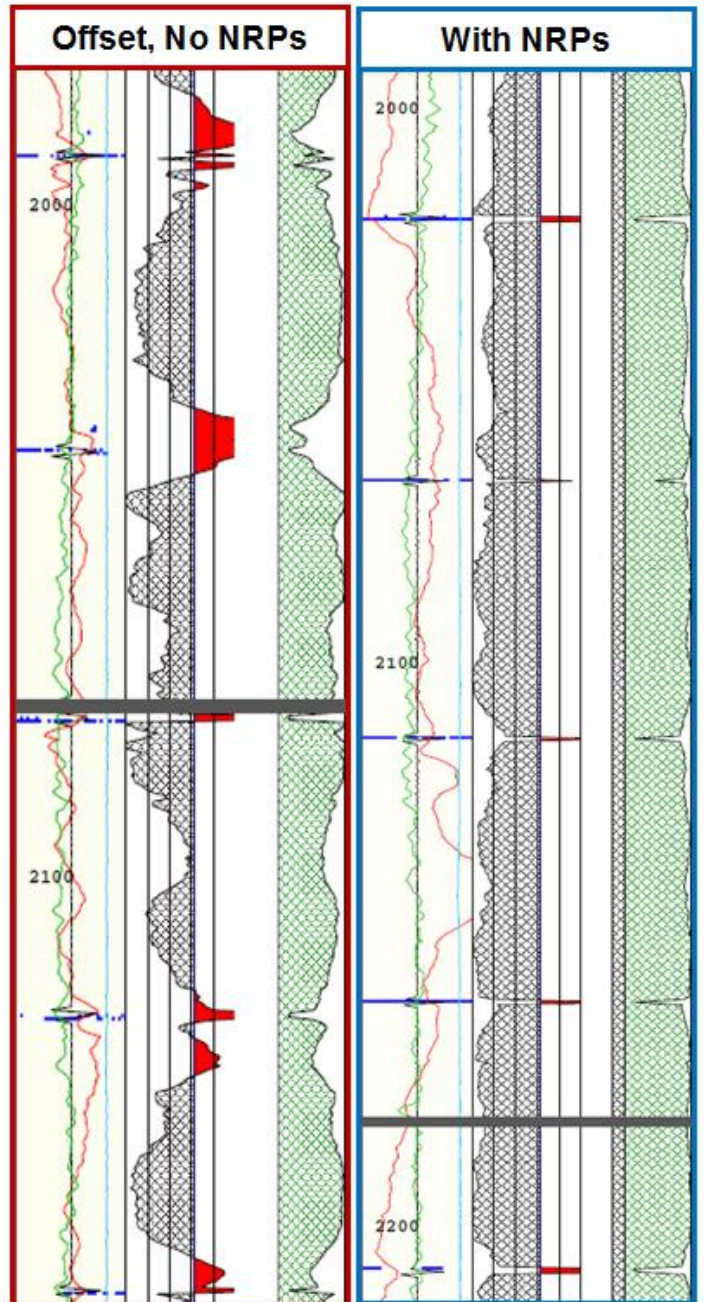
USIT Log Proves Minimal Casing Wear with NRPs Installed

The USIT log from an offset well not using NRPs recorded several locations where casing wear was greater than 12.5%, denoted by red colored fill. This amount of casing wear required a production tieback to be run.

Another well on the same pad, with a similar trajectory, installed WWT NRPs and recorded minimal casing wear while drilling to TD. The results strongly indicate that NRPs were effective in preventing casing wear and reduced the overall cost of the well by preserving the casing and eliminating the cost and time to run a production tieback to surface for fracking operations.



Location: North Dakota
Well Type: Horizontal Pad Wells
Objective: Casing Protection
Solution: WWT NRPs
Results: USIT Log Proves Minimal Casing Wear with NRPs Installed



WWT Non-Rotating Protectors
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