



D-Tech Rotary Steerable System Helps Drill Fastest Lateral for Customer in the Delaware Basin

The Challenge

- An independent operator drilling in the Delaware Basin, lower Wolfcamp formation, Reeves County, wanted to increase their rate of penetration (ROP), improve wellbore placement accuracy, and reduce trips.
- The customer had tried several rotary steerable systems with mixed results. Even the good performances had presented logistical problems at high costs.
- The operator reached out to D-Tech because of previous performance successes and the low required investment.

The Solution

- The D-Tech team worked with the customer to design a tailored bottomhole assembly (BHA) that was optimized for their unique challenges and application.
- The 8 ½-in. D-Tech rotary steerable system (RSS), which easily plugged into the BHA, was deployed for the lateral section in the Delaware Basin with no additional cost other than the RSS.
- D-Tech successfully drilled the lateral in one run, executing the fastest lateral ever drilled by the operator.

The Benefit

- The D-Tech low-risk, high-performance tool allowed the operator to drill their fastest well to date and enabled them to stay in zone 100% of the time.
- The operator was able to save 3.2 days and \$208,000 in rig costs alone, leading to a large ROI.
- Following the run, the customer completed an internal case study. This record well now serves as the achievement that every well in the application strives for.