



D-Tech RST Eliminates Two BHAs and Five Drilling Days for Delaware Basin Operator

The Challenge

- The Delaware Basin is a highly interbedded reservoir, consisting of high shale, sandstone, and limestone.
- Target windows are getting smaller and energy transfer is an ever-increasing obstacle to overcome to effectively and efficiently steer.
- 7 7/8-in. laterals can also be challenging since tools that hold up to today's performance standards are limited.

The Solution

- The operator had traditionally used multiple bottomhole assemblies (BHA) due to harsh drilling dynamics and constant steering corrections.
- D-Tech was chosen to complete the 7 7/8-in. section because they were able to provide an affordable, user-friendly, high-performance, and robust rotary steerable system (RST).
- Working with the operator, the D-Tech team decided to run a made-for-purpose RST650 tool, which reduced BHA utilization by increasing drilling efficiencies.

The Benefit

- By utilizing the D-Tech RST, the customer's lateral was drilled ahead of schedule and budget.
- In addition to shaving five days off AFE and reducing the number of BHAs and associated trips, they stayed in the window 100% of the time.
- The operator has since expanded D-Tech to multiple rigs.