PROOF OF PERFORMANCE

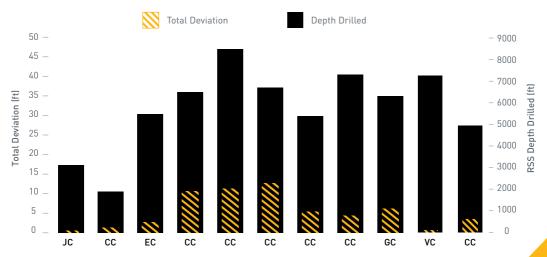
Rotary Steerable System

OBJECTIVE

Demonstrate the vertical control capabilities of the DoubleBarrel RSS through a multi-well study focused on drilling vertical deviation and S-curve wells.



RESULTS



Data gathered over 11 wells, with an average footage of 5,831 ft, showed the RSS achieved an average deviation of 5.3 ft off from target.



PROOF OF PERFORMANCE

Rotary Steerable System

OBJECTIVE

Provide directional control using a cost effective RSS tool on a 7 7/8" S-Well in the Permian Basin. S-Well required vertical control, tangent hold capabilities, and a drop section.

CHALLENGE

Drill the well while delivering a time savings to the operator versus their historical performance in the area.



- Data from the offset well shows, with the use of the DoubleBarrel RSS, the operator saved
 2+ days drilling time and achieved greater wellbore quality/accuracy versus conventional mud motor drilling assemblies.
- DoubleBarrel RSS completed the 5515' interval with no RSS related issues.
- Final bottom hole position was within 1ft of the target.



PROOF OF PERFORMANCE

Rotary Steerable System

