

PROOF OF PERFORMANCE

Rotary Steerable System

OBJECTIVE

- Outperform conventional bent motor technology in highly deviated formations to improve our customer's drilling performance over the course of a multi-well project in Ventura County, CA.

RESULTS

- Conventional directional drilling systems in offset wells were averaging 14 days due to strong formation dips and extremely slow sliding ROPs.
- DoubleBarrel RSS performance drilling 3 wells on the same pad yielded an average of 7.5 days to drill. Furthermore, continuous improvement efforts have yielded a favorable trend which increased the average ROP from 41.7 ft/hr. on the first well to 55.9 ft/hr. on the 3rd well drilled.
- All wells / runs were completed with zero RSS related failures and each well was landed within 2' of target.

