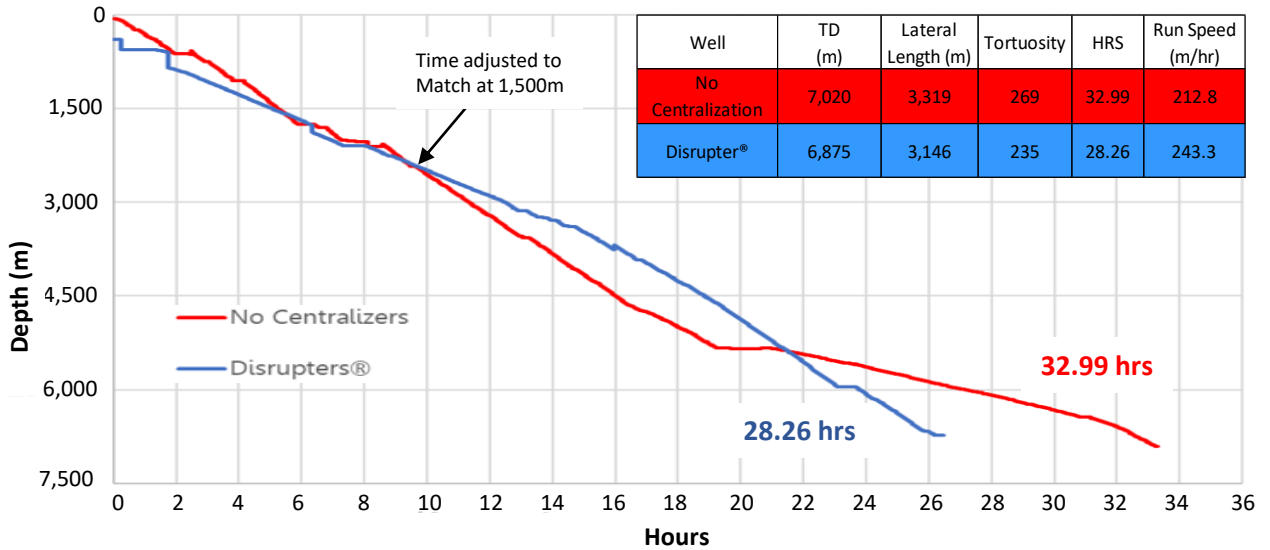




Eagle Ford Case Study

Disrupter® 1/jt from KOP – TD vs. No centralizers in lateral



Maximized Efficiency implementing the Disrupter®

- Disrupters® run 1 per joint from KOP to TD, offset well was run slick in lateral
- Disrupters® run to TD **without** rotation, offset well rotated in last 1,500m
- Disrupters® increased run speed by **14%** compared to offset well
- Disrupters® increased available HKLD at TD by **18%**
- Disrupters® reduced friction factor in 222mm open hole by **15%**
- Both casing runs floated in the lateral
- Same pad

