

# CentraDesign

## Centralizer placement

Proper placement of casing centralizers is necessary to obtain a good primary cement job.

CentraDesign calculates the centralizer placement, casing standoff and torque and drag for ERD or deviated wellbore. It decides the minimum number of centralizers and determines their optimum placement. User can flexibly combine "specify spacing" and "specify standoff" modes for different sections of casing/liner using either bow string and/or rigid centralizers.

- 3D well path visualization
- Casing flotation
- Torque and drag
- Casing deflection and bow compression
- Bow-spring and rigid centralizers
- Tubular and centralizer database
- Tripping animation with torque and drag profiles
- MS Word report
- Support oil field, SI and customized units

