

KellyDown Tips

Periodic tips to help you use KellyDown more effectively

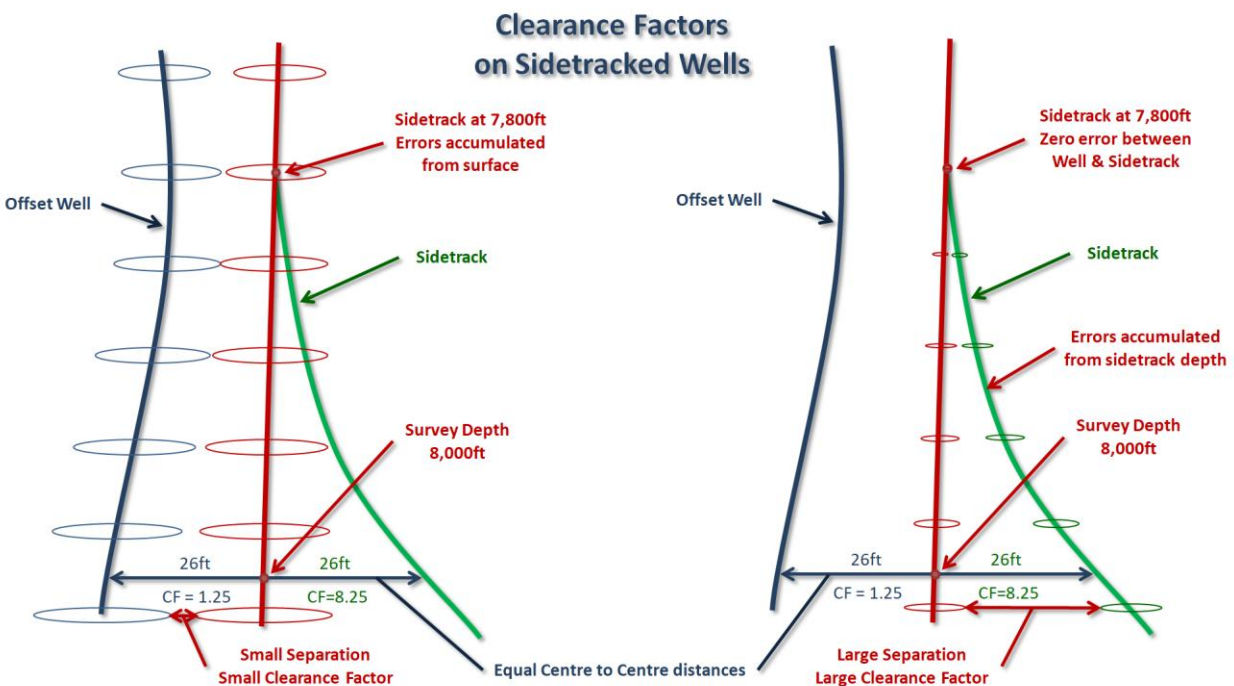
Clearance Factors on Sidetracked Wells

Many people have asked why the Clearance Factor is so high when testing for proximity against a sidetracked leg off the current well.

Using the example shown below where the sidetracked depth is 7,800ft, the clearance factor between the current well and an adjacent well that is 26ft away is 1.25 whereas the clearance factor between the current well and a sidetracked leg that is 26ft away is 8.25.

At first glance, one might expect the clearance factors between the adjacent well and the sidetracked leg to be almost the same, especially if they were surveyed using the same survey methods and the centre to centre distances are equal.

However, we know that at the sidetrack depth, the current well and the sidetrack are at exactly the same location so there is no associated error at that depth and the errors may therefore accumulate from zero at that depth when testing for anti-collision between these two legs.



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