

# KellyDown Tips

Periodic tips to help you use KellyDown more effectively

---

## Clearance Factors on Sidetracked Wells

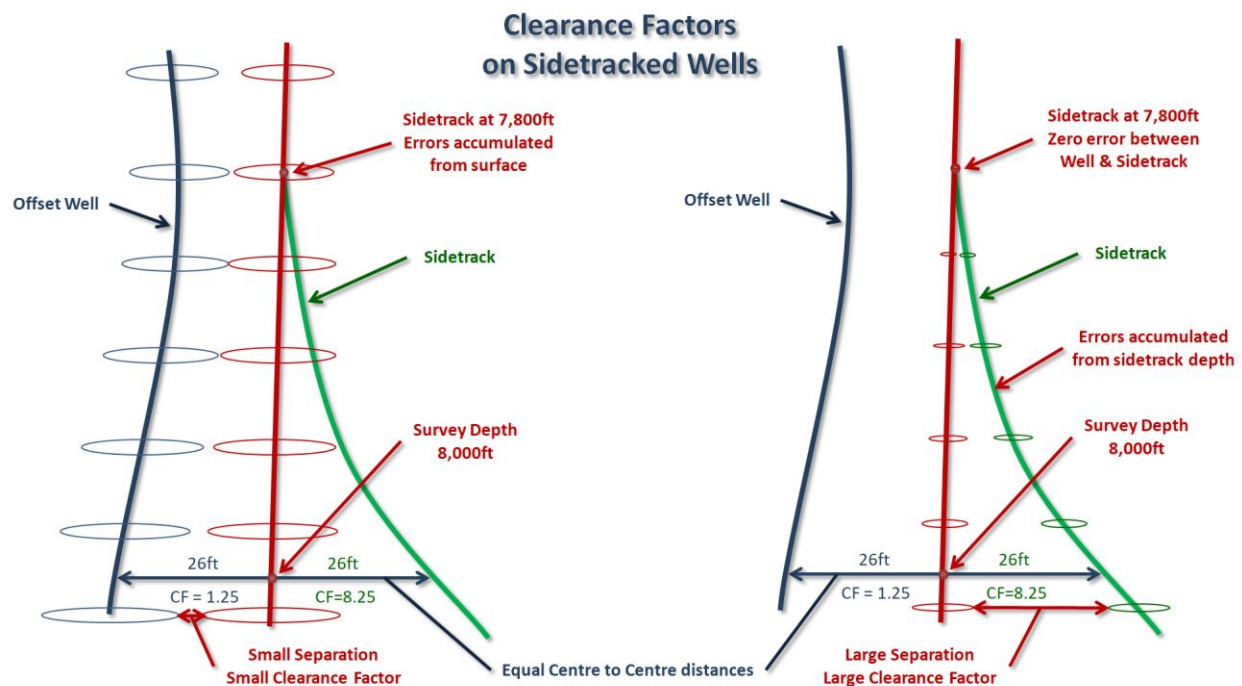
---

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.



---

If you have a question you would like answered in KellyDown Tips, reply to this email with your question.  
If you would like anything added to KellyDown to make it more useful or user friendly, reply to this email with your requests.  
You can download the latest version of KellyDown from [www.kellydown.ca](http://www.kellydown.ca)  
If you would like to be removed from this email distribution list, reply with "Unsubscribe" in the subject line.

---