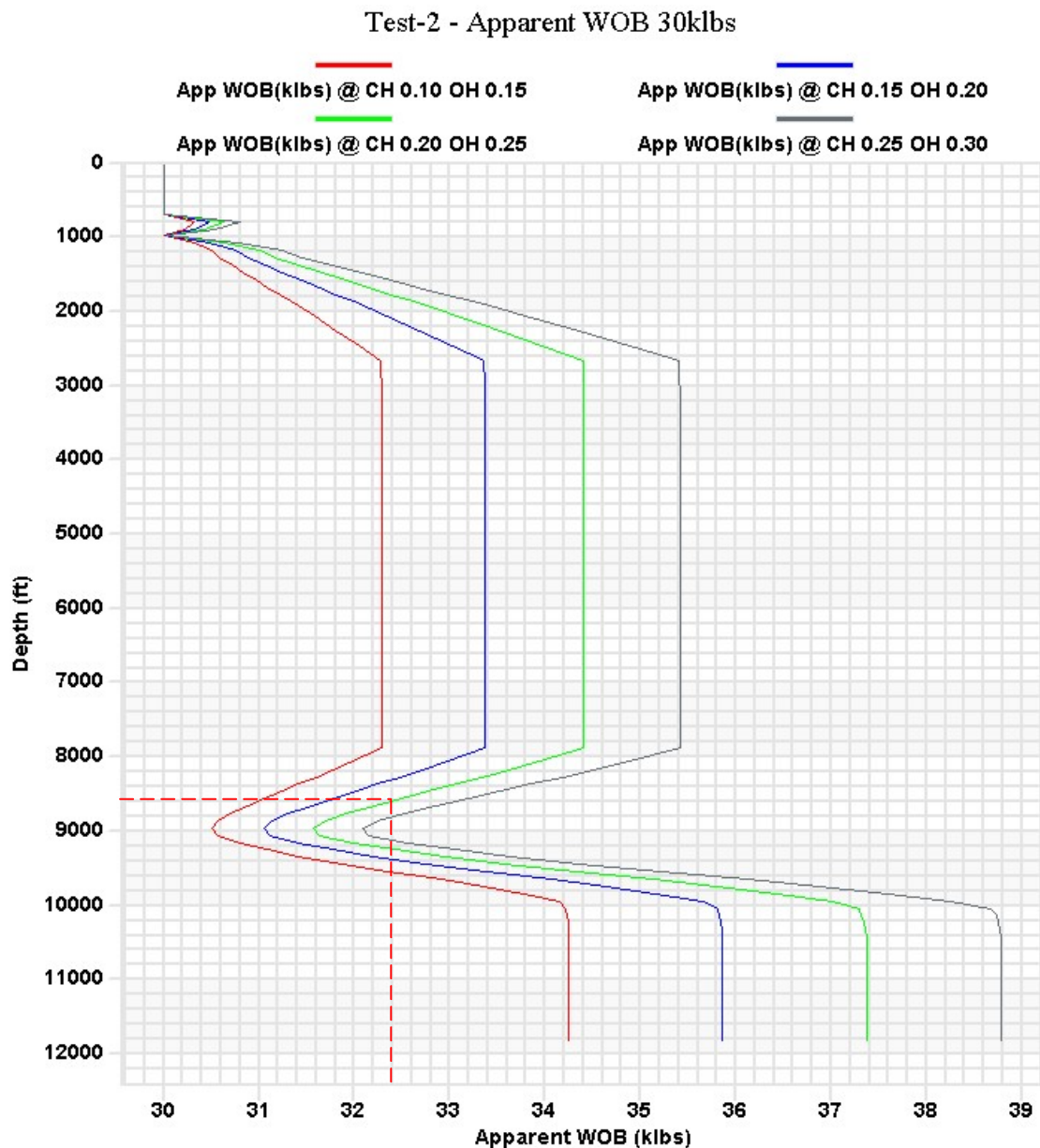


APPARENT WOB CHART

Once a T&D calculation has been run, you can check the Apparent WOB Chart:

- TAD Results - Drilling Charts - Apparent WOB (for the plot)
- TAD Results - Drilling Data - Apparent WOB (for the Data Table)



This plot shows the Apparent WOB (Sliding) you need to see at surface (at each depth) in order to Actually have 30klbs WOB.

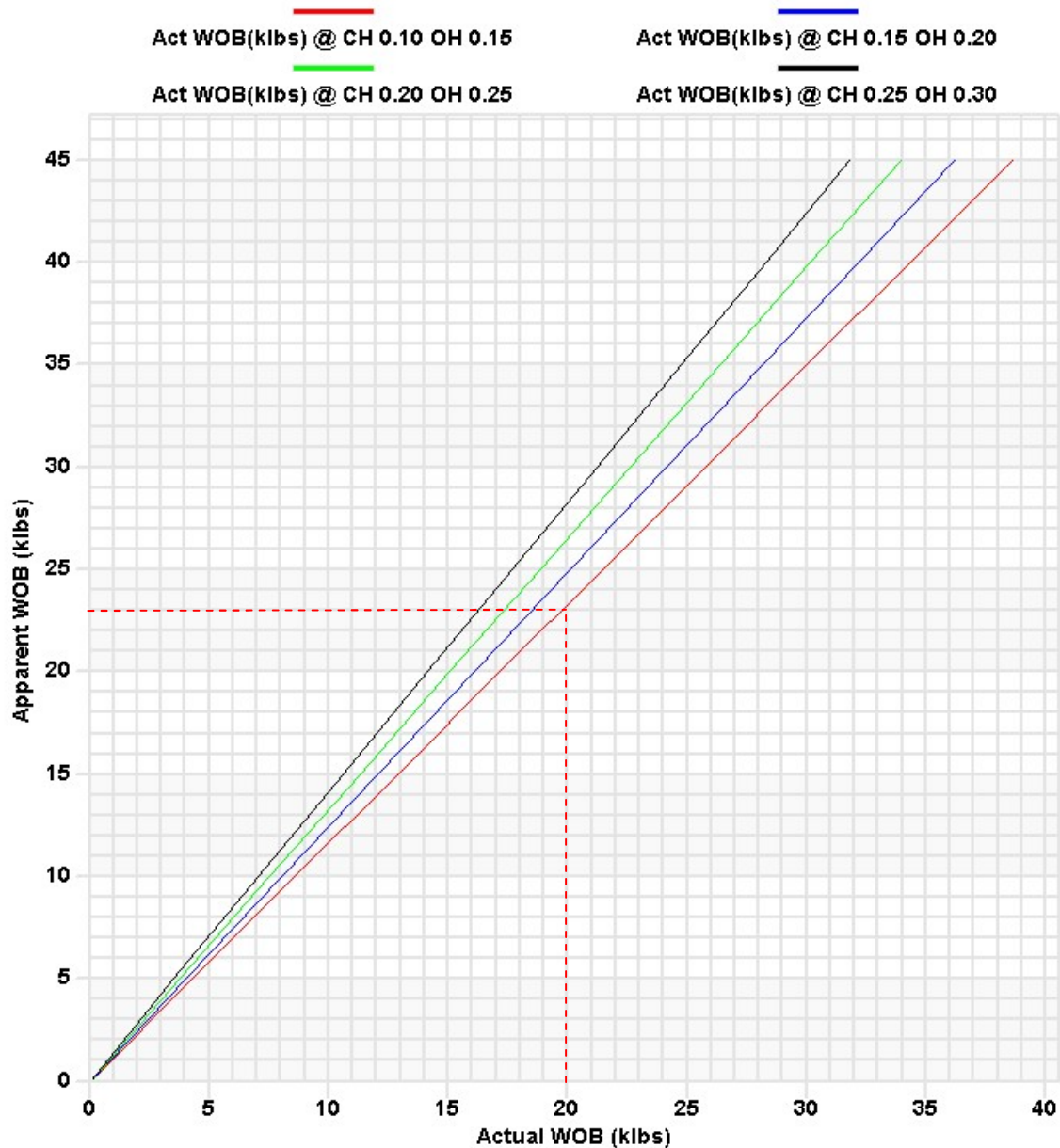
For example, in the above chart. @ 8600ft MD with CH 0.20 OH 0.25 FF's, you would require 32.4klbs Apparent WOB (as seen on the drillers screen) to Actually have 30klbs WOB.

APPARENT WOB SNAPSHOT CHART

Once a T&D calculation has been run, you can check the Apparent WOB Snapshot Chart:

- TAD Results - Snapshot Charts - Casing Wear (for the plot)
- TAD Results - Snapshot Data - Casing Wear (for the Data Table)

Test-2 - Apparent WOB Snapshot @ 11820ft



This snapshot plot shows the Apparent WOB (Sliding) you will see at surface (for any one specific depth, which is displayed in the chart title) vs the Actual WOB.

For example, in the above chart. @ 11,820ft MD with CH 0.10 OH 0.15 FF's, with 23klbs Apparent WOB (as seen on the drillers screen) you would expect to have an Actual WOB of 20klbs.