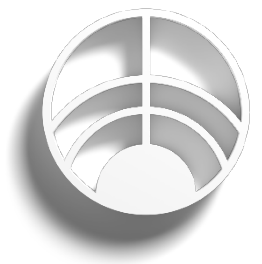


SAVING UP TO +20 HOURS IN POOH AND +5 HOURS IN CASING DEPLOYMENT USING A GUNDRILL REAMER™



PRODUCT
GunDRILL Reamer

PRODUCT LINE
Drilling Enhancement

LOCATION
Argentina

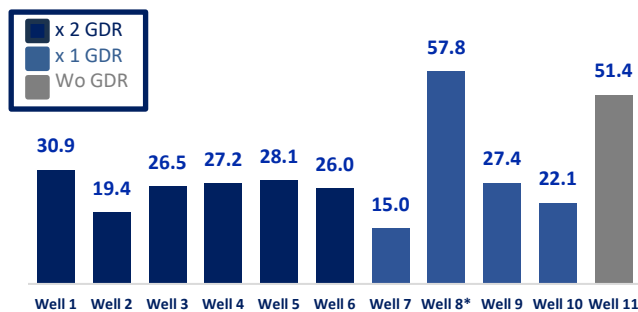
After analyzing the operations of 11 wells, 6 with two GDRs on the BHA, 4 with one GDR on the BHA and 1 without GDR

All operations performed on 6-3/4" open hole section and using 6-5/8" GDR.

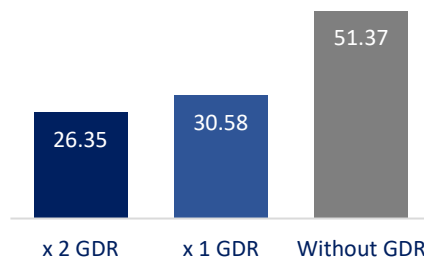
The average drilled interval was 3342 m of MD, and all operations were performed on a horizontal wells with RSS.



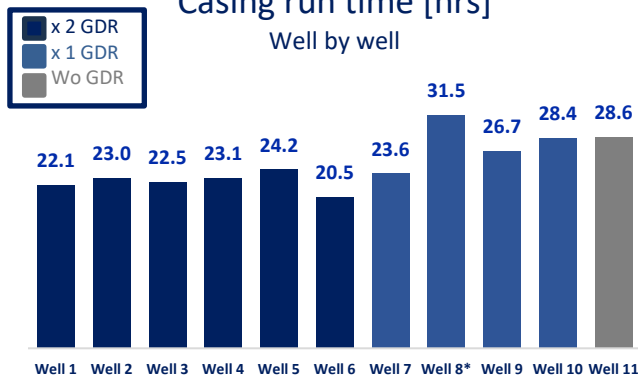
Tripping time - POOH [hrs]
Well by well



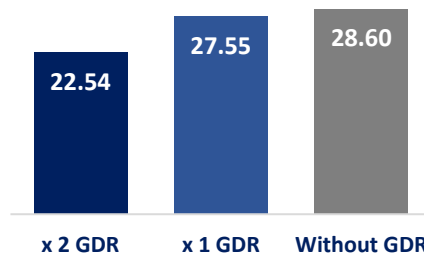
Tripping time – POOH [hrs]
Average



Casing run time [hrs]
Well by well



Casing running time [hrs]
Average



ARGENTINA –
HORIZONTAL
WELLS

GDRs resulted in a significant **40% reduction** in tripping out and casing run time compared to BHA without reamer. The more optimal results are using two GDRs for BHA.

*Well 8 has higher values than other operations due to unique operational conditions during its development, unrelated to the presence of the GDR in the BHA