



Patented FAST Technology Introduction In UK



6" FAST – Stabiliser Reamer

For a UK SNS development project, wellbore quality was critical in the 6" hole section to allow an extremely tight tolerance completion to be run. The patented FAST Stabiliser Reamer was provided to aid in delivery of this.



Well 1 - RUN 1

This was the first run ever with FAST Stabiliser Reamer technology.

The 6" FAST drilled and reamed 10,023ft.

Build/horizontal application. Record performance for DD Co. 4¾" RSS.

Very good well bore quality throughout with the completion run without incident.

Formation: Permian Sandstone.

Well 2 -RUN 2

The 6" FAST drilled and reamed 8,676ft.

RSS build/horizontal application.

13% less reaming required based on wellbore quality seen on well 1.

Completion RIH without incident.

Formation: Permian Sandstone.

Well 3 - RUN 3

The 6" FAST drilled and reamed 6,036ft.

RSS build/horizontal application. New record performance for 4¾" RSS.

30% less reaming based on wellbore quality seen on well 2.

Completion RIH without incident.

Formation: Permian Sandstone.

Well 4 - RUN 4

The 6" FAST tool drilled and reamed 2,550ft.

RSS build/drop during the pilot hole application.

Formation: Permian/Carboniferous. Sandstone and Shale.

Improved Performance

Low vibration signature delivered 2 records for DD Co. with their 4-3/4" RSS tools.

Significant rig time savings made due to reduction in time spent reaming on runs 2 & 3 prior to running in hole with specialised completion.

The same FAST Stabiliser Reamer was used on each well in this project.

This one tool drilled/reamed a total 27,285ft in 631.2 rotating hours on the 4 wells.

A PDC NO-GO ring gauge confirmed the FAST was in gauge after the 4 wells.

NO repair cost incurred by customer for the 6" FAST Stabiliser Reamer.