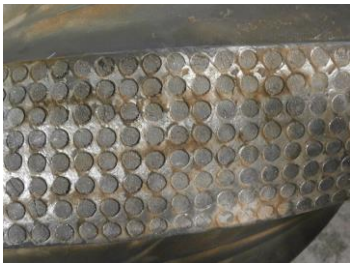
Patented FAST Technology Introduction In UK

17½” FAST – Stabiliser Reamer

During a high-profile HPHT project in the UK CNS, the client was looking for a high quality well bore to allow an extensive string of 14”-13 5/8” casing to be in run without incident. After the discussion with the technology owners, the FAST Stabiliser Reamer was requested.



WELL 1

Two 17½” FAST tools used in a RSS application with a build to 30° and maintain tangent.
FAST 1: 14,316ft drilled and reamed in three BHA runs.
FAST 2: 4,119ft drilled and reamed in four BHA runs.
These were the first runs of the large diameter FAST Stabiliser Reamer.
Casing string run without problem.
Formation: Tertiary to Upper Cretaceous.

WELL 2

Two 17½” FAST tools used in a RSS application with long vertical section then deep build to 30° and then maintain tangent.
FAST 1: 18,646ft drilled and reamed in four BHA runs.
FAST 2: 15,418ft drilled and reamed over three BHA runs.
First successful use of the large diameter FAST to stabilise while under-reaming.
Casing string run without problem.
Formation: Tertiary to Upper Cretaceous.

WELL 3

Two 17½” FAST tools used in a RSS application with build to 30° maintain tangent.
FAST 1: 15,718ft drilled and reamed in three BHA runs.
FAST 2: 19,513ft drilled and reamed in five BHA runs.
Casing string run without problem.
Formation: Tertiary to Upper Cretaceous.

WELL 4

Two 17½” FAST tools used in a RSS application with build to 30° maintain tangent.
FAST 1: 23,297ft drilled and reamed in four BHA runs.
FAST 2: 17,494ft drilled and reamed in two BHA runs.
Casing string run without problem.
Formation: Tertiary to Upper Cretaceous.

Improved Performance

Four 13,000ft large diameter casing strings run on these directional sections without incident.

No downhole tool failures recorded due to vibration over the 128,521ft drilled and reamed on the 4 wells.

Only two FAST Stabiliser Reamers were used on this 4 well project with more than 2,100 recorded rotating hours.

A PDC NO-GO ring gauge confirmed the two FAST Stabiliser Reamers were in gauge after the 4 well campaign.

NO repair cost incurred by customer for the 17½” FAST Stabiliser Reamers over the project.

No other stabilisers were run for more than one section without wearing severely. Many In-Line stabilisers were damaged beyond repair at a significant cost to the client.

FAST Technology Solutions
Email: info@fast-technology.solutions