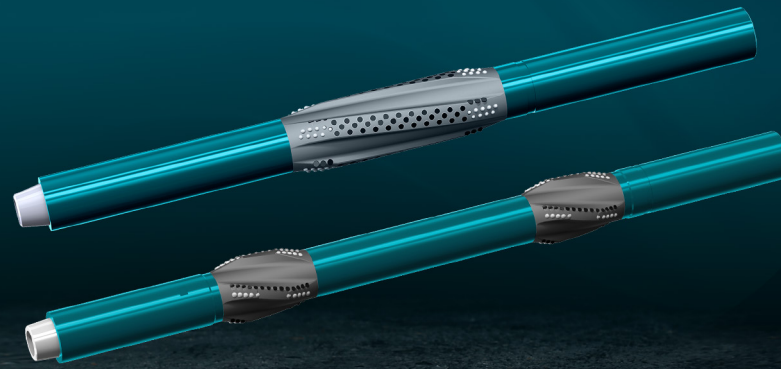


Expro Excellence

AERO Eccentric Reamer optimizes RWD practices for key Permian operator

Well Construction | Drilling Technologies



Objectives and background

- A customer seeking time saving solutions presented Expro with an opportunity to deploy an AERO eccentric reamer for a reaming while drilling operation. The AERO reamer would provide not only hole conditioning but prevent the need for a dedicated reamer run
- Run was performed on a 6-3/4", 2-mile lateral in the Delaware Basin

Expro Excellence

- The AERO eccentric reamer has an active reaming diameter of 6-13/16" and a passive drift diameter of 6-1/2". The eccentric blades of the reamer are in line, providing a true pass-through diameter when not in rotation
- The AERO eccentric design provides improved drill-out capability, steerability and hole quality to ensure accurate casing installation throughout until total depth is achieved.

Value to the client

- Utilizing AERO, the operator successfully reamed while drilling a total of 6,363 ft. The AERO technology supported a smooth, issue-free casing installation operation. It also saved valuable time by eliminating a dedicated reamer run or the need to back ream out the hole for hole conditioning
- The need for a dedicated reamer run was eliminated
- Time savings of approximately 24 hours, and \$60K of rig time
- Safety improved by reducing personnel exposure to additional pipe handling risks

Safety



Cost saving



Time saving

