

Parker UAE Team Successfully Performed World's First Triple Casing Section Milling.

Parker's UAE team successfully performed the world's first triple string section milling operation inside 7" casing. This innovative solution consisted of creating multi-annular windows to facilitate rock-to-rock barrier isolation of the formations without recovering the inner 7" casing.

Challenges

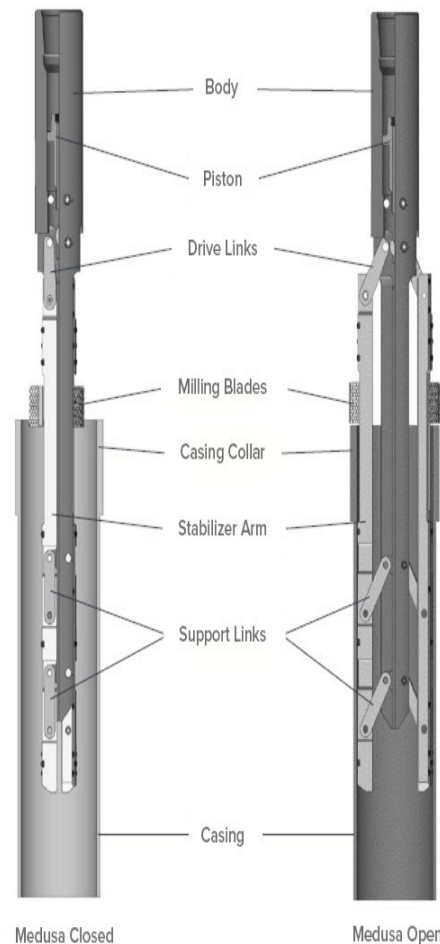
- The Customer required an advanced plug and abandonment solution to isolate multiple annulus 7" x 9 5/8" x 13 3/8" and place a rock to rock barrier across the formation.
- Cutting the 7" x 9 5/8" x 13 3/8" casing by 5" DCSM through 7" tie pack casing which require multiple runs and time consumption.

Solutions

- Deployed third party expandable Multi-String Casing Section Milling technology through a selected section of 7", 9-5/8", and 13-3/8" casing..

Results

- Saved the customer 75 days of rig and operational time.
- Implemented a third-party expandable Multi-String Casing Section Milling technology through a selected section of 7", 9-5/8", and 13-3/8" casing.
- Completed the lower window by milling 171' of 7" 29# casing, and removing 146' of 9-5/8" 53.5 casing through the initial 7" window before underreaming the formation to 13-1/2" ID.
- Completed the second upper window was completed by removing 220' of the 7" casing, 210' of the 9-5/8" casing milling 129' of 13-3/8" 68# casing,, and underreaming the formation to 18" ID.



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