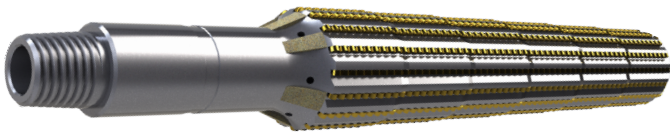


Milling Contingency

Insert Step Mill is used to Mill Chrome Parking Sub



HIGHLIGHTS

- Milled utilizing Coiled Tubing
- Customer was able to Set Packer Successfully

DETAILS

Location	Offshore Angola
Fluid Rate	1.5 BPM
Operation Depth	8,406 Ft
Tools Used	2.88" OD BHA 2.88" OD Titan SuperMax Motor 4.39" OD Insert Step Mill

OBJECTIVE

The objective was to run the milling BHA through the production tubing via coiled tubing and mill up the 13 Chrome parking sub utilizing Thru Tubing Solutions' Insert Step Mill.

RESULTS

The client had a failed parking sub downhole that would not close. A decision was made to mill up the tool using wireline equipment. The wireline equipment was not making sufficient progress and became stuck coming out of the hole. After fishing this equipment it was decided to attempt a coiled tubing run to mill up the sub. TTS performed a test in Houston, TX to define the proper equipment and techniques required to complete the operation successfully. The job was executed as anticipated allowing the customer to set a packer below the failed tool.

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