



Overview

Location: Germany

Well/Run Type: Milling / Cleanout run

Run Length: Cleanout to 1267 meters (~4157 ft)

Products / Services: InFocus 2.875" AMP - All Metal Power section

Objectives

The objective on this well was to mill out Barium Strontium Sulfate scale, with a thickness of one inch.

Results

Operator decided to run an InFocus AMP: All Metal Power section on this well. After the tool was run in hole to 771 m (2530 ft), milling operations began. The InFocus motor with AMP: All Metal Power section ran almost continually for 120 hours (5 days) to a total depth of 1267 m (4157 ft). This produced a milling rate of 4.13 m/hour. Pumping fresh water at an average flow rate of 350 l/min (92.5 gal/min), circulation pressure of 290 bar @ 70°C

Benefits

Built for multi-use applications, this InFocus motor with AMP: All Metal Power section removed the scale from this interval depth, supplying the torque required to complete this milling operation over five straight days. After the run, the motor was returned to the facility and dyno tested, and the AMP power section showed no change in performance.

OPERATIONAL NOTES

Well Type

Gas Producer

BHA

2" Coiled Tubing

Outline Connector

DFCV

Hydraulic Disconnect 7/8" Ball

Dual Circ Sub 3/4" Ball, 5K Burst Disc

2 7/8-in. Thru-tubing motor w/AMP: All Metal Power section technology

Micon Mill 95mm (3.75") mill OD

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Casing Size & Type

4.50-in., 15.5 lb/ft

Total Depth

~4,157 ft (1267 m) MD

InFocus would like to thank: Top Tools - Germany

