



DAV MX™ CircSub

Continental Europe based Operator achieves optimal Hole Cleaning on two separate runs, by activating two DAV MX CircSubs spaced out in a single drillstring on a challenging geothermal well.

Four DAV MX™ CircSubs were activated sequentially a total amount of four times across two separate runs. During the first, 6" section drillout run, the 5" (NC38) DAV MX™ sub, positioned in the BHA, was used to flush the cuttings post drilling to above the 7" OD (NC50) sub - spaced out across the top of the 9-5/8" x 7" liner. The 7" sub was then activated to lift the cuttings to surface before cycling it back to closed position and POOH. The exact same sequence of operations was carried out during the subsequent 6" x 8-1/2" hole enlargement run. All four tools performed as expected providing the operator with most optimal hole cleaning application on a challenging geothermal well.

CIRCUMSTANCES

Operator's plan was to drill a 6" section beneath a 9-5/8" x 7" tapered liner and enlarge it to 8-1/2" on a subsequent reamer run.

THE CHALLENGE

The challenge on both runs was to produce enough Annular Velocity inside and above the 9-5/8" x 7" tapered liner to lift and transport the cuttings to surface efficiently.

THE SOLUTION

Two, upper (7.00") and lower (5.00") DAV MX™ CircSubs were run and activated sequentially during Hole Cleaning operations allowing the Operator to boost Annular Velocity and flush the cuttings efficiently both, inside and above the 9-5/8" x 7" tapered liner.

COMMENTS

We're pleased with the tools' performance. We've observed significant increase in cuttings returns after each activation - DE.

