CleanWell® Technology Debuts in Ghana, Delivers Several Successes

OVER 20 WELLBORE CLEANOUTS PERFORMED WITHOUT ANY ISSUES WITH HSE, SERVICE QUALITY, NONPRODUCTIVE TIME, OR COST-OF-POOR-QUALITY

TANO BASIN, GHANA

OVERVIEW

Eighteen months ago, Halliburton Completion Tools debuted CleanWell® technology in Ghana, and successfully performed more than 20 wellbore cleanouts for a major operator. The operation involved extensive planning and coordination of assets, as well as training local personnel in how to deploy the technology.

CHALLENGE

CleanWell technology had never before been used in Ghana, so it was untested in the deepwater Tano Basin. Deploying the technology required identification and mobilization of tools for multiple casing sizes and risers, establishing regional third-party agreements for any additional needs, bringing in expertise from around the world, and training the in-country personnel. With rig rates of US$400,000 per day, it was essential the team avoid any downtime during wellbore cleanout.

SOLUTION

The Completion Tools established clear and constant lines of communication with the operator’s team, working with them to develop detailed well plans. Their use of asset management integration facilitated efficient identification of the tools and equipment needed from global operations, which reduced delivery time and costs. The teams met weekly to review the well plans and the progress in mobilizing the assets to Ghana.

In executing the work, Halliburton engineers well-versed in using CleanWell tools provided operational oversight as well as thorough training to the local in-country personnel, ensuring all aspects of the work adhered to Halliburton standards for service quality and safety.

RESULTS

More than 20 successful wellbore cleanouts, with 205 kilograms for debris recovered
Zero HSE, SQ, NPT and COPQ incidents
Personnel in Ghana now fully trained on CleanWell
Halliburton Completion Tools now firmly established in Ghana to provide offshore wellbore cleanout

Deployed during the drilling and lower completion phases, the CleanWell technology was successfully used in more than 20 wellbore cleanouts, recovering approximately 200 kilograms of debris, and enabling the team to deliver all the wells on schedule.

Adding to the achievement, the operations spanning 18 months were performed without any nonproductive time, health, safety, environment, service quality, or cost-of-poor-quality incidents — altogether a flawless execution.

The success of this maiden operation means Halliburton Completion Tools is now firmly established in Ghana and prepared for future wellbore cleanout operations in the deepwater Tano Basin.

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