CASE STUDY
Reference no. CS.PMA.UK.WA.006

ALTUS Intervention

MAKING INTERVENTION SMARTER

PRECISION MECHANICAL APPLICATIONS

WELLBORE CLEANOUT

Region: West Africa
Year: 2017
Technologies: **PowerTrac** 218 ● **PrecisionCollector** 250

PrecisionCollector captures wellbore debris samples for type, source and volume identification used for subsequent remedial intervention.

CHALLENGE

As part of an integrated multi-well, multi-service rigless intervention campaign, the operator required wellbore debris sample collection from several producing and water injection wells. The objective was to ascertain the debris type and source, its location in the well, its deposition nature and the estimated volumes present. This information was essential to design a subsequent wellbore cleanout operation for each well, the goal being to enable access for data acquisition logging operations.

SOLUTION

Altus Intervention's **PrecisionCollector** wellbore cleanout technology was selected for the job, run in conjunction with the **PowerTrac** tractor for both conveyance and as an integral part of the debris sampling operation.

RESULTS

Debris samples of varying volume were successfully collected from each well using the **PrecisionCollector**, ranging in nature from oily clay to oily sand and scale. The technology also indicated the extent and location of the debris during the operation. The samples, combined with operational parameters observed during the collection process, provided the information required by the customer and for the design of the coiled tubing cleanout program that Altus Intervention will be implementing in the next phase.

The operation was carried out with the added benefit of multi-disciplined crews covering the wide range of intervention services and technologies deployed during the campaign.

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