

ArdVAC™ Venturi Junk XTractR

EXTREMELY ROBUST IN CHALLENGING ENVIRONMENTS



CHALLENGE

The client was looking for a solution to retrieve and remove debris from the wellbore from a previously abandoned well to enable them to get access to the top of the packer, to allow them to pull the old completion.

SOLUTION

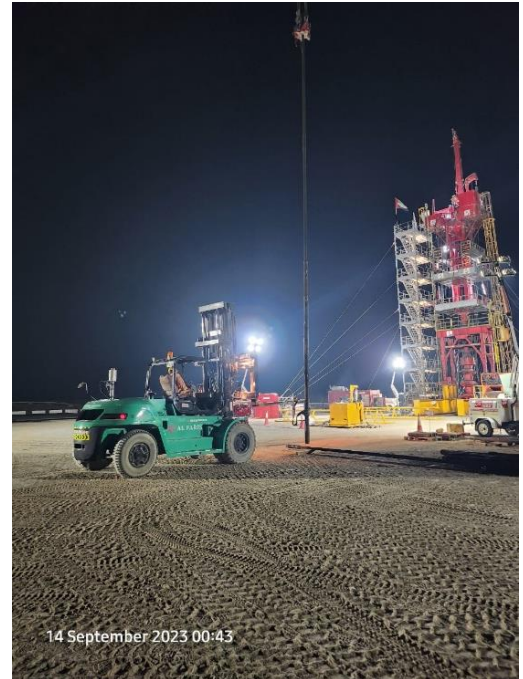
Odfjell Technology provided the ArdVAC Venturi Junk XTractR, a specialised tool that allows you to capture and retrieve debris that cannot be easily circulated out of the wellbore. Using the Venturi effect, the tool will create a localised low-pressure zone that induces reverse circulation below the tool ports. Fluid and debris are drawn inside the tool where finger catchers, magnetic debris chambers and filter screens can capture the debris for efficient retrieval to the surface.

EXECUTION

The ArdVAC was deployed into the wellbore utilising 5-1/2" FJWP drill pipe. Various tight spots were encountered while RIH between 9338FT-9367ft, where the tool was rotated and weight applied to enable the tool to wash down past these restrictions to reach the target depth of 10,858ft. Once at TD, circulation was increased to 6bls/min-9bbls/min while reciprocating the pipe. Due to the volume of debris recovered, three runs were completed.

RESULTS

64.7kg of mixed debris (*mud/clay/metal/non-ferrous*) was recovered from the wellbore enabling the successful deployment of slickline to TD.



Location: Dubai, UAE
Date: 14/09/2023



JOB DATA

On/Offshore	Operation	Section Length	Safety Valve limit
Onshore	Fishing	10,858 ft	3200psi

CASING SPECIFICATION

9 5/8" & 7"



14 September 2023 00:45