

# An Outstanding Open Hole, Horizontal Washover and Fishing Operation, Under Total Losses, Results in the Recovery of an RSS BHA

The WIS team in Kuwait successfully planned and recovered a BHA valued at \$2 million and avoided a sidetrack requirement.

## CHALLENGE

A customer required the retrieval of a stuck 8.5 inch RSS BHA in a horizontal section, with well under total losses.

## SOLUTION

WIS evaluated and proposed a washover and retrieval solution that successfully freed the stuck BHA safely on the first attempt after washing over. Downhole energy was maximized at the stuck point by using the TMC jar and accelerator. Experienced WIS personnel were also essential in ensuring the success of this operation.

## RESULT

- A successful washover of the stuck BHA in the horizontal section was completed, under a condition of total fluid losses.
- The stuck BHA was retrieved at the first attempt using the TMC Impact System, in an open hole while the well was under total losses.
- The customer saved 2 million dollars in potential Lost-In-Hole (LIH) charges.
- The customer avoided significant sidetrack costs that would have been incurred.

**The WIS team demonstrated efficient planning and execution of a complex open hole wash over and retrieval operation to recover a stuck 8.5 inch RSS directional drilling BHA in a lateral hole section.**

A major customer in Kuwait contacted WIS to provide a unique fishing solution when faced with the challenge of retrieving a stuck BHA in 8.5 inch open hole. The risks associated with this operation was further compounded as the well was under total losses.

WIS responded with a detailed plan and risk assessment that was reviewed and accepted by the customer. Experienced WIS personnel and equipment were then mobilized from the local support base. As part of the equipment package, a TMC Impact System, comprising both jar and accelerator, was included to maximize downhole energy at the stuck point.

The plan was executed with precision, WIS washed over the 129.88 ft of stuck 8.5 inch RSS BHA at a depth of 6550 ft and later retrieved the entire fish from the open hole, meeting the objective of the operation and saving the customer 2 million USD.

