



HyPR HoleSaver

A UAE based operator recovered from stuck pipe in just one hour after activating the HyPR Holesaver

PROBLEM

Using the high velocity jet that the HyPR dart delivers to erode the pipe, the operator calculated that applying torque after 60% of the cut would be enough to part the string.

Operators have previously selected a 90% ID erosion target, which normally takes two to three hours. By applying the torque much earlier, a successful severance was achieved in only one hour, thought to be the industry's quickest controlled recovery from stuck pipe.

In another recent operation an operator encountered a stuck pipe situation due to pack off. Two Churchill tools were placed in its string. The DAV MX CircSub was used to regain well control. Subsequently, the HyPR HoleSaver was activated severing the string in 2.5 hours.

The operation involved cleaning out an existing 8½" section to TD depth at 12,565 ft prior to running 7" liner.

The tools were placed in the BHA as a contingency due to the high risk of pack off.

RESULTS

- Regained circulation and well control
- Mud conditioning
- Safe recovery of the string in hours rather than days
- Recovery of the maximum amount of hole, enabling side-track operations to begin shortly after
- Vastly reduced costs of severing the string



SPECIFICATIONS

HYPR STANDARD SPECIFICATION										
Model	Size	Tool Body Data					Dart Data			
		Connection			Sub Length (in)		Tool ID (in)	Dart Dimensions		
		Upper	Middle	Lower	Top	Bottom		OD (in)	Std. Gap (in)	Std. TFA (sq in)
50	C	6 7/8" Reg	6 7/8" Reg	6 7/8" Reg	34.2	32	2.857	2.905	0.04	0.338
	B						2.757	2.8		
	M						2.715	2.745		
	A						2.662	2.705		
	C	NC50	NC50	NC50	33.5	32.5	2.857	2.905	0.04	0.338
	B						2.757	2.8		
	M						2.715	2.745		
	A						2.662	2.705		
46	C	NC50	NC46	NC50	33	32	2.542	2.59	0.04	0.3
	B						2.447	2.49		
	A						2.358	2.405		
38	D	NC38	NC38	NC38	32.2	32	2.247	2.295	0.04	0.257
	C						2.157	2.205		
	B						2.067	2.115		
	A						2.009	2.057		