



DAV MX™



DAV MX™ CircSub used to hole clean at 29,571ft. Drift Catcher™ also utilised in order to quickly and efficiently drift the drillpipe.

A GOM operator utilised the DAV MX™ and the Drift Catcher™ in a Dual Gradient Drilling, Deep Water well in July 2015. Both tools demonstrated tremendous activation speeds and reliability, illustrating the time and money that they can save by being placed in the drillstring.

CIRCUMSTANCES

The operator's plan was to circulate the hole clean by activating and pumping through the DAV MX™ CircSub, whilst rotating and reciprocating to help move cuttings towards the surface.

THE CHALLENGE

Due to the great depth of the well, the challenge would be to create sufficient annular velocity to effectively clean and remove cuttings from the hole.

THE SOLUTION

The 2.69" OD Standard Diverter Dart was pumped down at 185gpm/1,350psi and took only 20 minutes to reach and open the DAV MX™ at 29,896ft, confirming the fantastic activation speeds possible with the tool. The operator circulated through the CircSub at 820gpm/6,200psi before dry-tripping from 29,571 to surface.

The Drift Catcher™ Hollow Drift took ~15 minutes to drift 141 stands at 400gpm/1,900psi. A 440psi pressure increase upon the drift landing, confirmed that the pipe was clear.

COMMENTS

Compared to traditional methods the Drift Catcher™ saved the Operator around 2 hours of rig time, equating to ~\$100,000 of savings made.



RIG & WELL INFORMATION

● Location & Date	Green Canyon, GOM, August 2015
● BHA	10-5/8" x 12-1/4" Reamer Assy
● Tool Size	6-5/8" Reg. (5-ported)
● Measured Depth	29,571ft
● Drilling Fluid	14.8ppg SOBM

