



PERFORMANCE BULLETIN

DSI PBL[®] Multiple Activation Bypass System saves a multi-national offshore operator in Turkey costs and rig time

Challenge

A large multi-national operator was expecting a potential occurrence of severe losses with a large volume of drilling fluid lost while drilling an 8 ½” hole section offshore Turkey.

Solution

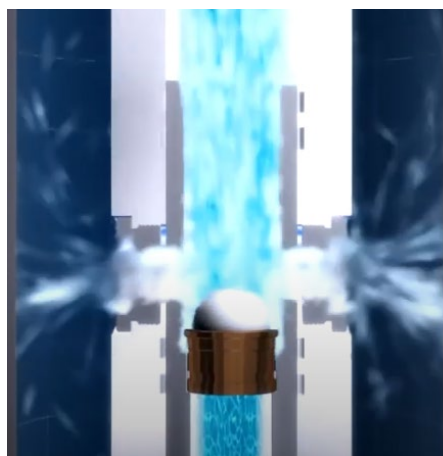
As a part of the operator’s strategy to have a reliable contingency in place in case of losses, the 6 ¾” PBL circulating sub was included in the operator’s BHA, to be activated if losses occurred.



Execution

While drilling at a depth of 1,300 meters, a 100 – 150 bbl loss of drilling fluid was observed. It was decided to activate the PBL tool in order to initially pump the 50+ bbl LCM pill, which could not be pumped through the LWD or RSS tools.

During this single run the PBL tool was activated a total of 3 times and approximately 200 bbls of LCM was pumped through the open tool to the annulus. The PBL was successfully activated and deactivated with no operational issues.



Conclusion & Recommendation

As a result of having the PBL tool in their BHA as a reliable “insurance”, the operator avoided at least 3 trips out of hole which resulted in substantial savings in both time and costs.

