

First Single-Trip Multizone (STMZ™) Gravel Pack Installation in Vietnam

Location: Southeast Asia

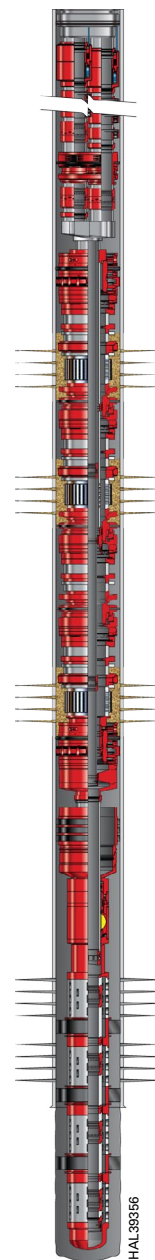
CHALLENGE – Petronas Carigali Vietnam Limited (PCVL) needed to complete four wells with two or three zones per well that required gravel pack and reduce rig time to minimize the time-to-completion of each well for a sand control project in Vietnam.

Historically, PCVL utilized standalone screens to perform the job. However, formation sand analysis results indicated that the sand particle size was not uniform enough for standalone screens to provide the required production capability. As a result, the customer was driven to explore gravel pack sand control techniques to resolve the issue.

SOLUTION – Halliburton proposed several gravel packing solutions to PCVL. PCVL studied the comparisons between two methods of gravel packing: stacked gravel pack and Halliburton's STMZ™ Single-Trip Multizone completion system. One trip would require six to ten productive hours. The STMZ system would enable the customer to reduce the number of trips per well and perform the gravel packs in one run.

RESULT – In its first application in offshore Vietnam, the STMZ completion system reduced the number of trips in the well and all zones were successfully gravel packed. Because the installation in the first well eliminated NPT, PCVL continued using the STMZ completion system for the remaining three wells. The solution proposed for the workstring configuration proved to be effective and the number of trips per completion was reduced significantly. PCVL saved six days of rig time worth approximately \$1.8 million USD.

As a result of this success, the STMZ system is now the primary solution whenever gravel packing is required in downhole sand control.



For more information on Single-Trip Multizone (STMZ™) Gravel Pack Installation, please call your local Halliburton representative or email us at sandcontrol@halliburton.com.

© 2014 Halliburton. All rights reserved. Sales of Halliburton products and services will be in accord solely with the terms and conditions contained in the contract between Halliburton and the customer that is applicable to the sale. H010863 01/14

www.halliburton.com