

The Use of DP-Assisted FPSOs For Offshore Well Testing Services

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Abstract

In April 2004 [1] it was reported that PEMEX Exploración y Producción (PEP), by means of two four-year long contracts, had incorporated two (2) FPSOs with Dynamic Positioning capabilities into their operations in the Bay of Campeche. These vessels were conceived to attend services during the well completion, repair, and stimulation, as well as well production characterization, mainly to collect and process all the fluids emanating from these services. At the time [1] the results reported were limited; the first of the vessels had been in operations for less than two months, and the second vessel was in the commissioning stages. A preliminary report of these vessels was also published in [2] The vessels have now been in continuous operations for over one year, results have exceeded the original expectations set by PEP, and a continuous service is expected, mainly due to the DP capabilities installed on the vessels. The following document describes briefly the concept of these DP assisted Well Testing Services Vessels (WTSV), background, capabilities and results obtained to date.

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