

Pump Failure Detection utilizing KickAlarm



Client

European client. Onshore Well drilled in Italy.

Challenges

The well was being drilled and the Standpipe pressure and Flow Out were decreasing whilst all other parameters were stable.

Solution

Utilizing the KickAlarm service with both Out and In via individual pumps, the flows could accurately be detected and recorded.

Results

By seeing that pump 2 had a loss of efficiency, was able to swap to Pump 3 and continue Operations whilst the pump 2 was repaired. Saving the client approximately 1 hour or US\$ 50K

Value

Due to the installation of the full set of sensors (3x IN and 1x OUT), the client understanding the anomaly, so excluding other potential challenges related to flow out decrease, Losses, Washout. The reaction is quicker with no NPT due to Pump Failure, as the client could swap to other pumps whilst continuing the operations.

Services used

