

In 2015 WellSim controllers were implemented on objects of the LSI company in Canada. The report noted in particular, that the system preventively detected valve leakage and waxing of the well.

Analytical predictions of WellSim controllers were confirmed with inspection of lifted downhole equipment.

According to the operating results:

LSI- POC Evaluation

Executive Summary

As an automation product the RPC-POC or rod pump controller - pump off control is the gold standard as the first step in rod pump well site optimization. A key market trend and space developed by Lufkin Industries started in 2001 with its release of the patented and market shaping SAM well controller. Lufkin laid the foundation for product demand, market acceptance and expectation of the POC as a go to product for oilfield optimization and automation.

As LSI Automation, a key product driver for our customers and our sales will be a RPC – POC as it will complement our existing RPC VFD's (FL6 and Enersaver™) sales cycle with pull through business. The sale of a RPC- POC extolls the oil field automation mantra of Pump More for LESS.

Lufkin's patent expired fully in 2013, thereby opening this formally patent-closed market to commoditization and innovation by other vendors. With LSI's purchase of CCW assets in April of 2015; CCW had been following the development path of the Slovakian POC product with its next generation algorithms which were based initially off of the LUFKIN SAM. With the Lufkin's patents now safely expired and the Naftamatika product having been through trials around the globe. LSI Automation contacted Naftamatika in the summer of 2015 and was able to successfully explore the idea of testing their RPC POC unit as a potential candidate to be a LSI Automation product.

