LIFTING SOLUTIONS

Torque ALLIANCE

Power Through the Toughest Wells:

How One Operator Transformed Performance in CSG Application with LS PC Pump

CHALLENGE

When a well keeps shutting down, production stalls, costs rise, and frustration grows. This Australian operator knew that story all too well, until they found a partner who could guide them to a better outcome.

With operations in Coal Seam Gas (CSG) application, the client was faced with a significantly challenging well with high workover frequency. The PC Pumps they were using typically showed significant wear, burnt elastomer, pressure washing and often find the pump full of solids. Over the past two years, the average run time was 3.4 months.

The expensive workovers, limited production and underperforming well led them to search out an alternative solution and that is when they reached out to our Australian Distribution Partner.

SOLUTION

Our technical team and distributor worked closely with the operator to understand the well's history, challenges, and target flowrates. Our team recommended our PC Pump Model XS2-1800-M1.

PC Pumps are built for the demanding realities of CSG, delivering steady, reliable production even in abrasive, solids-laden environments. Their ability to efficiently move coal fines while maintaining consistent flow helps operators keep wells depressurized and productive longer.

Paired with Lifting Solutions' high-performance M1 elastomer, engineered for strength, abrasion resistance, and durability in water-rich CSG conditions; these pumps deliver extended runlife, reduced workovers, and more predictable performance. It's a combination designed to keep wells online and production moving.

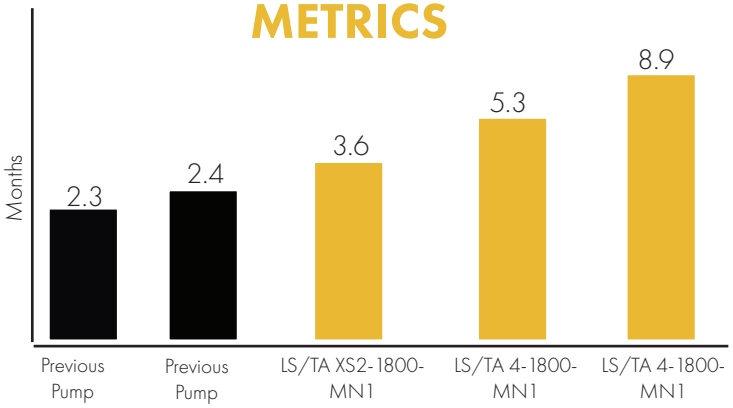
PERFORMANCE

The initial Model XS2 surpassed the wells previous run time by 56%, running for almost four (4) months before being pulled for low efficiency.

The pump inspection reported the pump's rotor and stator were in good condition with slight wear on the elastomer. After analyzing the pump and well performance, it presented an opportunity to improve once again and we designed the completion with our model, **Model 4-1800-MN1**. This model surpassed the runtime of the previous LS Pump by 47% (~5 months) and a 130% increase over the last competitor pump. At that point, the pump was pulled and solids were found stuck in the pump. However, the inspection report showed the PC Pump in good condition with minimal wear on the elastomer, so the same model was rerun.

The third PC Pump, Model 4-1800-MN1, ran for almost 9 months, which was 68% increase over the last LS PC Pump and a 287% increase over the last competitor pump.

METRICS



Installing the LS PC Pump delivered the performance and increased uptime that the client was looking for.

Let's engineer a solution that keeps your pumps running longer and your production flowing stronger. Schedule a consultation.

Experience Performance. Artificial lift products and services that consistently outperform the market and reduce OPEX.

LiftingSolutions.com or call us toll free 1.877.879.5727