

ENDURANCE LIFT LOW FLOW ESP Outperforms Competition in Bakken

As unconventional drilling and completion methods evolve, the production practices that follow must keep pace. We bring together breakthrough technologies with a level of service that creates lasting partnerships with our customers

CHALLENGE

A large Bakken operator in North Dakota had an older well with declining fluid volumes. The prior competitor ESP was designed as a 900 system, despite declining fluid levels, to better handle gas breaking out. This system grounded down hole in ~8 months.

SOLUTION

Endurance Lift Solutions worked with the operator to analyze the type curves and production data. A tapered pump string was recommended based off of the well parameters. The tapered pump string design utilized a transition from tandem Vortex Gas Separators into the ELS Gas Handler pump, followed by ELS650s as the primary lifting pumps.

RESULTS

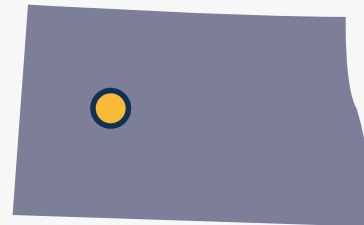
Deep analysis combined with cooperation and communication with the operator went into the ELS approach to this challenging, low flow/high gas application. The Endurance Lift Solutions ESP was installed on 9/6/2021 and at the time of this publication is still running; **a 4 month run time improvement and counting.**



ELS Vortex Gas Separators

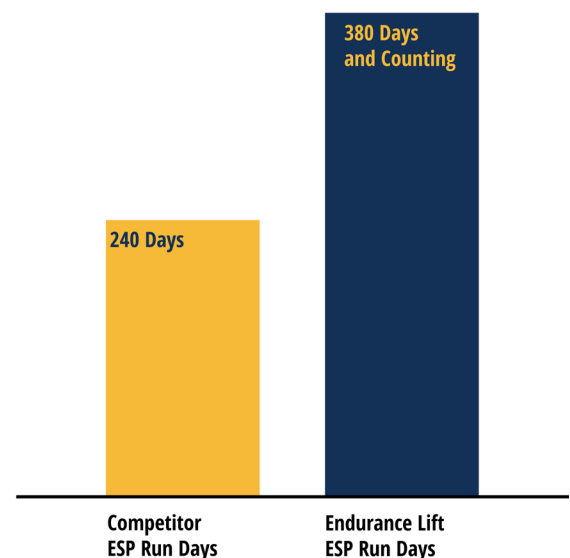
PROJECT DESCRIPTION

Location
Bakken Formation



Customer:	Large Bakken Operator
Sys.Specifics:	650L System / 156HP
Pump Depth:	10,000'
Avg Production:	200 bopd / 200bwpd / 500mcf
Comp Run Days:	240 days / Grounded Down Hole
ELS Run Days:	380 days and counting...

4 Month Improvement and Counting



Contact your local representative for more information on our Series 300 Fiberglass Sucker Rods.