

GENESIS SEPARATION SYSTEM Attains ESP Performance Breakthrough in the 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 was looking to mitigate the problems of severe gas interference, short runs and production losses associated with their declining wells with low intake pressures and increasing gas volumes. Avoiding the production losses of converting the wells to rod lift too early was also a priority.

SOLUTION

Facing upwards of 92% Gas Void Fraction, the Endurance team knew it would need to rethink the traditional forum of gas handling, proposing their proprietary **Genesis Separation System** to solve the operator's dilemma.

RESULTS

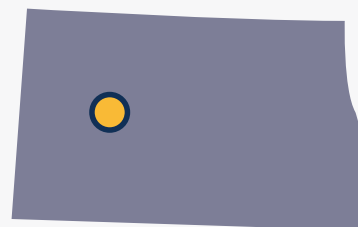
Utilizing Endurance Lift's proprietary **Genesis System**, the operator achieved 92% gas separation efficiency (GS Eff), **successfully producing the well 100PSI lower than the previous system, with no motor overheating events and limited amp variability.**

The improved drawdown has led to increased fluid production of ~61.4 barrels a day - or 19.6 bopd at a 32% oil cut. At current market prices, the Genesis has created a net revenue gain of over \$42K a month.

The end result has been increased drawdown, increased production and decreased downtime.

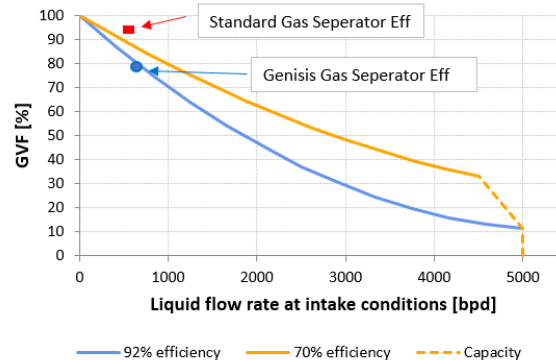
PROJECT DESCRIPTION

Location
Bakken Formation



Customer:	Large Bakken Operator
Lift Type:	ESP
Sys.Specifics:	1750 Genesis System / 105HP
Pump Depth:	9,800'
Original Prod:	160 bopd / 343 bwpd
Genesis Prod:	180 bopd / 384 bwpd
Improvement:	20 bopd / ~100 PSI
ELS Run Days:	210 days and counting...

Genesis System Efficiency Map



Contact your local representative for more information on our ESP Products and Services.