GENESIS™ ADVANCED GAS HANDLING SYSTEM
Supasses Performance Expectations 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

An operator in the Bakken was looking to follow up a successful first run ESP with a second system. Due to the high gas to fluid ratio and historical data, the run life goal for subsequent ESPs in this field, per the operator, was 180 days or six months.

SOLUTION

The team at Endurance knew that it would have to mitigate severe gas interference in order to achieve a smooth operation and hit the run time goal. **The Genesis Advanced Gas Handling System** was installed in June of 2023.

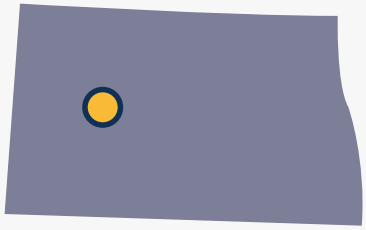
RESULTS

Despite extremely high GOR and gas rates, the **Genesis System** has achieved a remarkably smooth drawdown with no gas related downtime - so far doubling the operator's run life goal.

"This area has some of the highest GORs we deal with. It's common to see pretty severe amp and motor swings, which has lead to inefficiencies and reduced run times. The Endurance ESP has eliminated these issues. The amps and motor temp have been steady and we've exceeded our forcasted run time." -- Bakken Production Engineer

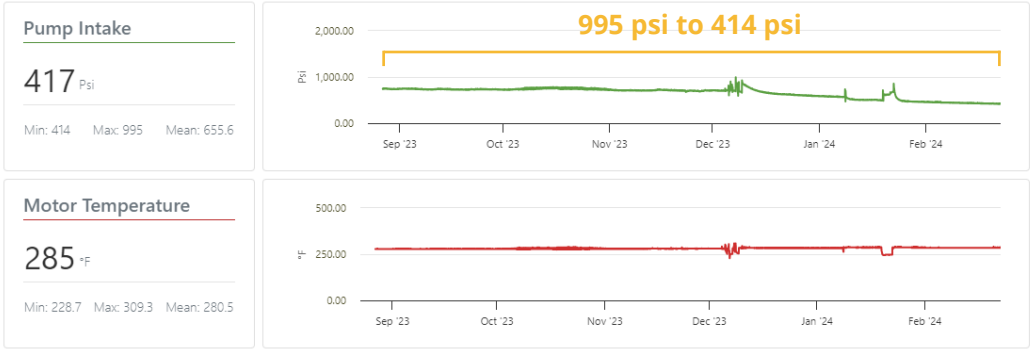
PROJECT DESCRIPTION

Location
Bakken Formation



Customer:	Large Bakken Operator
Lift Type:	ESP
Sys.Specifics:	1250 Genesis System / 216HP
Pump Depth:	10,400'
Total Fluid 60 Day Avg:	473 bbl/d
Gas Rate 60 Day Avg:	1,500 mcf/d
GOR 60 Day Avg:	8,040 scf/bbl
Genesis Run Days	**365 days and counting...**

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



Despite high GOR and gas rates, the Genesis System has achieved a remarkably smooth fluid level drawdown of over 500 psi with minimal motor temp swings and zero gas related shut downs. The well continues to operate in a stable state as of publication.