

Ambyint increases production by 6% in the Bakken



SITUATION

Operational Scale

A significant percentage of Equinor's wells were under pumping driving excess deferred revenue, and the majority of wells were over-pumping causing shorter run times. To gain optimization scale across its wells, the company evaluated vendors for the following operational capabilities:

- Real-time operational visibility
- Anomaly detection and remote control
- Pump-by-exception management
- Optimization recommendations and automation

TESTIMONIAL

“The Ambyint technology has improved the remote data visibility and has delivered a more accurate diagnostic of downhole conditions to our rod pump wells in the Bakken.”

Jack Freeman, Production Engineer



SOLUTION

Ambyint InfinityRL™

Ambyint's production optimization solution for rod lift was deployed across the Equinor Bakken asset. Having established communications, InfinityRL gave production engineers immediate access to well performance data spotlighting intervention needs and optimization opportunities.

After gaining confidence in Ambyint's AI-driven setpoint recommendations over an initial period, Equinor allowed InfinityRL to update setpoints automatically and ensure an ongoing, full-field optimization state.

RESULTS

In addition to an increase in production visibility and operational efficiency, Ambyint provided:

6% ↑ Production volumes

11% ↓ Stroke reduction and failure rate

14% ↑ Pump efficiency

7% ↑ Pump fillage