

Mature Assets Solutions optimized a mature field production life

CHALLENGES

- Boost production rates and enhance recovery in mature oil field
- Reduce manual well monitoring and data analysis activities to free up field crews for other optimization opportunities
- Develop a flexible, low-footprint digital platform for seamless, remote, and automated field surveillance and production enhancement

SOLUTION

- Developed a digitally enabled platform for monitoring, managing, and optimizing field surveillance and production enhancement activities
- Collaborated with the **Leucipa™** automated field production solutions team and implemented several Leucipa models
- Phase 1 focused on creating a structured production and well information database

RESULTS

- Improved working hour efficiency to redistribute **140 hours per month** on well issues and optimization opportunities
- Avoided **IT complexity and shortened development time** with a flexible, low-footprint data loader
- Optimized well activities to **prevent artificial lift failures and rank well intervention opportunities faster**
- Added an incremental **3.3% to monthly production rates, increasing net sales by \$50,000 USD**
- Provided **collaboration opportunities with other Baker Hughes units** to enhance productivity and increase recovery factor in mature fields

