PETROVISOR APP

Production Optimization

Efficiently track operational and production performance along with financial metrics and forecasts, to reduce downtime while increasing production.

Companies utilizing the PetroVisor Production Optimization App can rapidly optimize production, evaluate asset and corporate-level cash flows, and plan oil and gas capital expenditures. The Production Optimization app computes the required key performance metrics, which include asset economics, subsurface and surface data. The app employs industry-standard analytical solutions, physics-based models, and machine learning approaches to optimize and prolong asset life while ensuring continual improvement in field operations and decision making. Machine learning-driven and industry-standard approaches are used to increase production gain.

Within a single unified workflow, a user combines complex data analytics, physics-based modeling, and sophisticated economic modeling processes. The results are used for increasing production volumes, analyzing cash flows, debt and investment needs.

- ### Simplified Approach

  The Production Optimization app provides tools to connect to all disparate production and economic data to ensure the focus of operations is on the most impactful result-driven activities.

- ### Decrease Well Review Time

  The app considerably decreases the time required for manual well assessment by identifying underperforming wells that warrant further study.
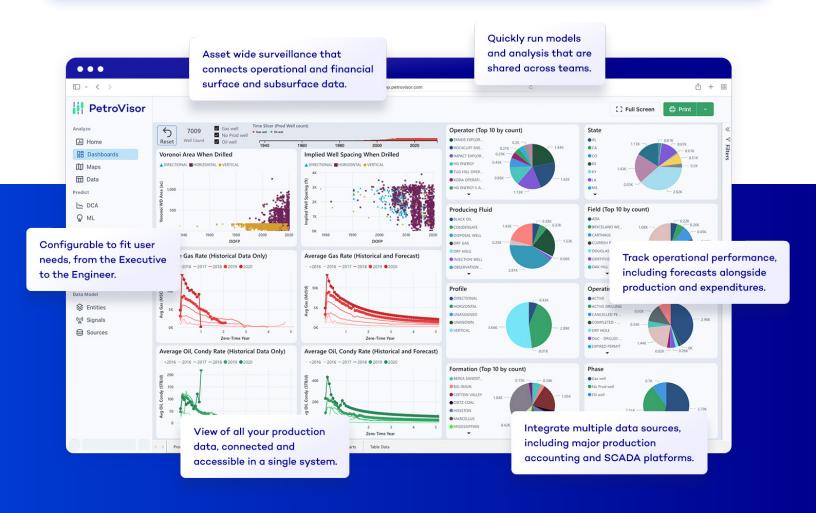
- ## Daily Production Forecast

  The Production Optimization app's Decline Curve Analysis (DCA) for operations automatically forecasts daily production for each well allowing field operators to produce assets to maximum economic potential.

- ## Gain Consistent Results

  The app enables users to develop a unified perspective of all relevant data that generates a sustainable, consistent, and comprehensive portfolio of opportunities to increase production and lower costs through automatic analysis done in hours rather than weeks or months.

Asset wide surveillance that connects operational and financial surface and subsurface data.

Quickly run models and analysis that are shared across teams.

Configurable to fit user needs, from the Executive to the Engineer.

Track operational performance, including forecasts alongside production and expenditures.

View of all your production data, connected and accessible in a single system.

Integrate multiple data sources, including major production accounting and SCADA platforms.

App Features

Centralize & Integrate Your Production Data

Create a central place to manage all integrations and automations to rapidly deploy workflows. Compatible with most data sources and major production accounting and SCADA platforms, such as P2, Quorum, Peloton, CygNet and more.

Accessible And Unified View Of Your Data

Enable users to develop a unified data perspective that generates a sustainable and standardized view from the integrated data and the outcomes of the optimization workflows in a matter of hours.

Optimize Your Production Workflows

Produce an automatic re-evaluation and selection of top candidates to increase production while boosting the economic success rate.

Flexibility / Scalability

Create sophisticated models by combining data from various sources. Quickly run models and analysis that are shared across teams.

Synchronization / Automatic Updates

Decrease the time required for manual well assessment using prescriptive actions for underperforming wells which require further investigation.

Advanced Technology At Your Fingertips

Seamlessly integrate Python, R, or ML.net into the app for augmented analysis of your production data.

Find Out More

Learn more about how PetroVisor's Production Optimization App automates, optimizes and evaluates workflows in unconventional oil and gas plays by viewing our use cases, "Production Loss & Deferment Management" and "Workover Candidate Selection".

About Datagration

Datagration provides the world's Oil and Gas companies with the tools they need to integrate and model data into meaningful insights and decisions daily. Our team of data scientists, engineers, and technologists work hand in hand with our customers to build a single source of truth used across the organization for data analysis, benchmarking, internal collaboration, financial analysis, and more.

To learn more about Datagration and the PetroVisor platform, go to **www.datagration.com**.