

Petroleum Economics

Rely on the fastest, most complete economic engine for the best decisions, at the right time, with the most accurate data.



Petroleum Economics

Trust the oil and gas industry's most powerful economic engine.

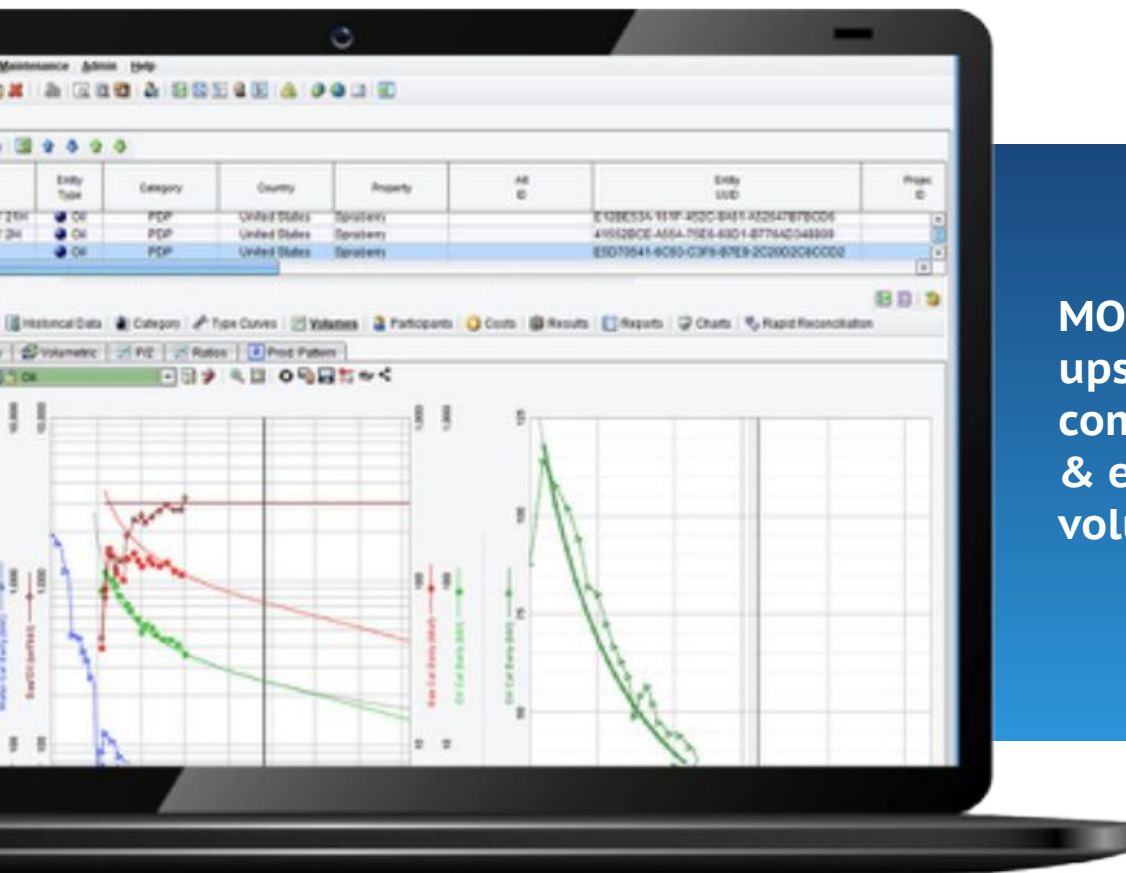
Investment decisions should never be hindered by slow economic evaluations or delayed information aggregation. MOSAIC delivers data insight with a complete reserves management, petroleum economics, budgeting, capital planning, and decline analysis. The fastest economic engine in the market is the foundation of MOSAIC.

Accurate, Secure, Auditable

Generate results 5-10 times faster compared to legacy economic engines.

Manage Type Wells, project plans, and economic scenarios from one database.

Trust proven fiscal models, with fully integrated updates that are delivered quickly.



MOSAIC helps upstream oil and gas companies accurately & efficiently connect volume to value.

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Rely on proven fiscal models

MOSAIC has a proven track records of first-to-market, fully integrated updates to meet new royalty calculations, incentive models, and changes to North American fiscal models. Our growing library of international fiscal models is developed in partnership with our customers.

MOSAIC offers:

- Flexible calculation models for North America.
- Over 25 fiscal models in 18 countries.
- Flexible price, offset, tax, royalty, and currency decks for multi-jurisdictional evaluations.



UN Offshore

MOSAIC offers a growing library of international fiscal models that are developed in partnership with our customers. Contact us to learn more about current availability.

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Enable intuitive forecasting

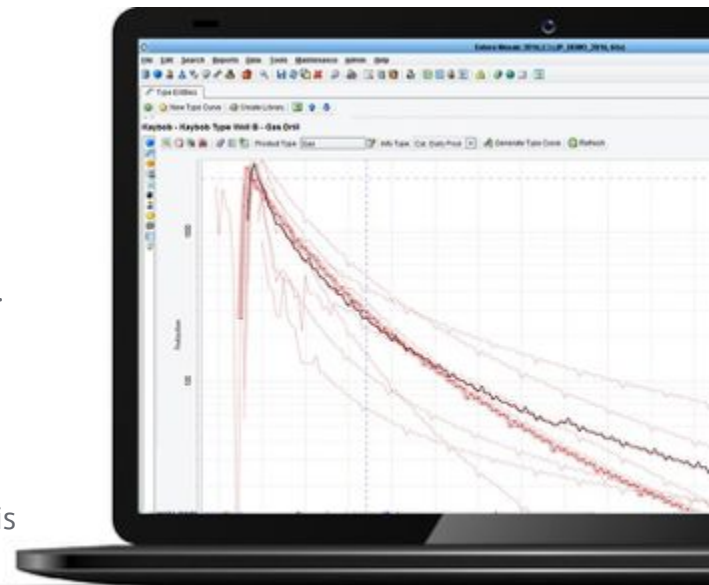
MOSAIC provides one complete system, allowing different functional groups to collaborate using the same database to generate clearer evaluations.

- Generate best-fit forecast using ARPS decline, Empirical (Duong), and linear models, as well as single-segment or multi-segment and terminal decline.
- Capture key volume and cost drivers with a complete set of production, injection, and cost streams, for forecasting primary and secondary products and ratios.
- Rely on powerful auto-forecasting and mass-editing tools for rapid economic evaluation and updating based on actuals.
- Use intuitive, flexible chart and table layouts with tear-away tabs to efficiently manage multiple screens.
- Calculate EUR at well or pool level with material balance and volumetric tools.

Run sensitivities and scenarios

MOSAIC increases efficiency and confidence in decision making by generating accurate results five to ten times faster than other calculation engines on the market.

- Generate project, package, or portfolio-level scenarios using entity-level bulk edits or imports.
- Re-evaluate changes to portfolio or company value due to prices, costs, and volumes using global sensitivities.
- Visualize project sensitivity using tornado analysis and real-time economic indicators.
- Evaluate and roll up cross-border packages with multi-currency and FX.



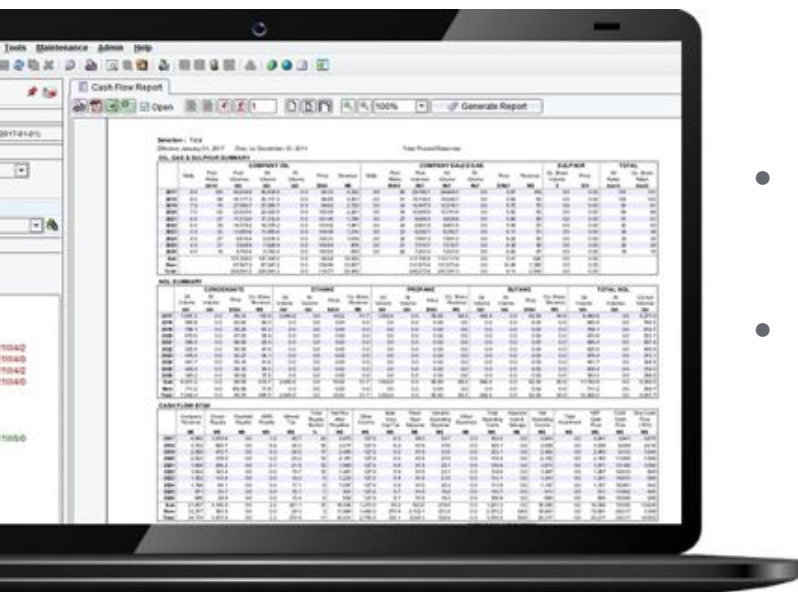
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Input and report efficiently

MOSAIC ensures data completeness and accuracy across all assets, so you can confidently share data and report results.

- Go from production history to Cash Flow report in minutes with MOSAIC's automatic decline feature.
- Edit and import inputs en masse (including production forecasts, price decks, operating costs, and interests).
- Import from commonly used field data capture systems, all major US and Canadian data, and daily and monthly production data imports.



- Generate 100+ built-in reports and extracts, as well as custom reports using dynamic tables, including consolidation, KPI, and one-line summary reports.
- Quickly create hierarchy-level reports and alter roll-up levels without re-running economics or regenerating reports.
- Support external reporting and integration to corporate data warehouses and analytics through MOSAIC's open data structure.



Mosaic Software delivers the most efficient and reliable reserves management engine in the oil and gas industry. For additional information, please visit mosaicprms.com.