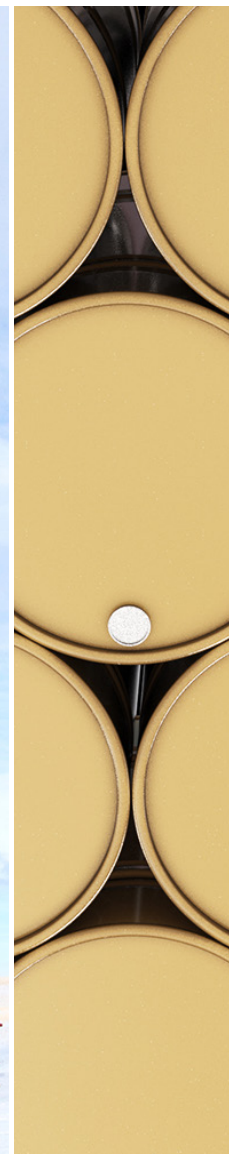
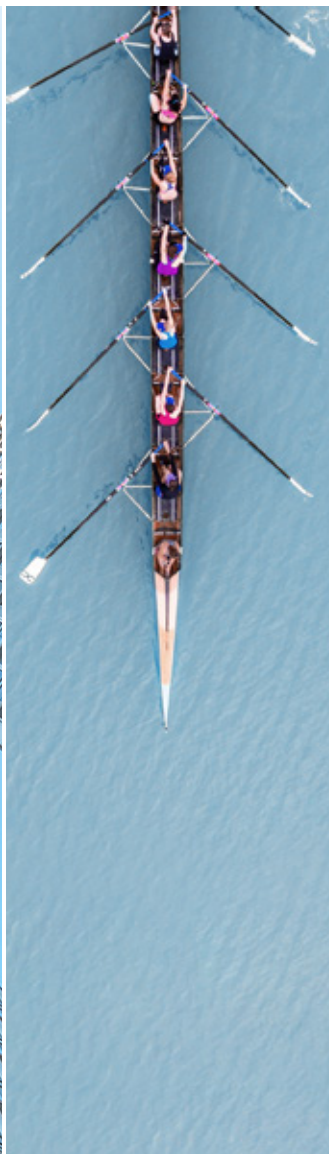


Energy Studio: Impact

Advanced analytics-ready data across the full energy value chain for North America



Combine Commodity Insights E&P data with data science and scenario analysis to answer questions at the speed of curiosity

Energy Studio: Impact is a web-based analytics platform that offers a comprehensive data-enabled experience for advanced analytics around the entire energy value chain.

Based on our gold-standard E&P dataset, the platform creates a clear end-to-end workflow solution to **reduce risk, improve returns and provide an objective valuation for investors and operators.**

Utilizing the power of Heavy.ai GPU processing power, Impact enables you to answer questions at the speed of curiosity and save custom dashboards in order to revisit the analyses that are most important to you.



Platform & Data

- **Full well and production history** back to the Drake well in 1859
- **Library of 6+ million oil wells** (or every well in North America), including type curves, estimated Capex, nearest-neighbor spacing, D&C design, and breakeven prices
- **Forecasts of 1+ million ACTIVE oil wells in seconds.** Pre-calculated well-level monthly forecasts that can be aggregated to any level
- **More than 4200+ machine learning models** are utilized to predict oil, gas and water production for existing and hypothetical wells
- **Over 750 Platts Forward Curves** covering oil, refined products, LNG, natural gas, power, NGL and energy transition
- **Greenhouse gas emissions** (CO₂, CH₄ and N₂O) monthly estimates for the 6+ million wells in US and Canada (drilling & completion diesel combustion, well test and natural gas flaring, mud degassing, venting, fugitives, well-site power production, grid power consumption)

- **Rig data** with a history dating back to 2013
- **Midstream data** covering pipelines, storage, terminals, and other facilities
- Summary level **transactions data** including spatially enabled polygons for closed transactions
- **350+ attributes in the well and production table** for all North American wells, including 120 spacing attributes
- **20+ datasets** spanning the energy value chain
- **10+ pre-built dashboards** encompassing common workflows
- **Intuitive platform for exploring the dataset and creating actionable insights**

Key Workflows

- Screen investment opportunities
- Benchmark performance
- Evaluate productivity drivers
- Mitigate investment risk
- Leverage machine learning models to predict future well production

Key Benefits

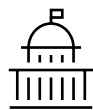
- **Save valuable time:** Produce quick and accurate analyses without wasting time normalizing raw data. We have done it for you!
- **Best data in the industry:** Access gold-standard data that your competitors will not have access to.
- **Easy to use:** Enjoy a user-friendly, intuitive interface that allows for flexible dashboard creation and collaboration across your organization.

Who would benefit from Energy Studio: Impact?



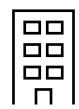
Financial Capital Markets

- Private Equity
- Investment Banks



Government

- Regulators
- Strategy



E&P Companies

- Corporate Strategy, Planning, and Risk Management
- New Ventures/Exploration Teams
- Business Development/M&A



Oil and Gas Service Companies

- Planning
- Business Development
- Strategy

Energy Studio: Impact empowers your business decisions by providing answers to the most critical questions:

Strategy & Business Development

Engineers & Analysts

Financial Capital Markets

What are other operators doing to maximize production?	What are the well economics, type curves and production forecasts	What is an operator's typical well performance so that I can determine if they are a good investment candidate?
Who are the top operators in an area and what are the most productive reservoirs or fields?	What are the varying well designs including treatment methods, proppant, fluid and lateral lengths? Does a relationship exist between those designs and the productivity metrics?	How does an operator's performance benchmark against competitors?
What is the remaining well count by play, quality, and ownership	Based on economics, which wells could be potential candidates for recompletion?	Which operators will support future growth in a play? What are the lifecycle stage of that play and the operators within it?
What is the well-spacing trend for this area, and how has it affected production?	Does the productivity of the well line up with the geology? Of the acreage I own, where is the optimal spot to drill based on the underlying geology?	Where are the nearby rigs? Are they on a high or low-quality acreage? What are the trends in the area? Historically, where have we seen rig activity in this area?
Where are the nearby pipelines and what is the capacity?	How many rigs are running in a play? What are the average drill days?	What benches are the most prolific in a given area? Which operators are targeting which reservoirs?
How do I compare to competitors in quality and technique? Are my wells over or under-performing for the quality of acreage they're on?	How can we use spacing trends to optimize production? How has production been affected for parent, child and sibling wells?	Where are the nearby pipelines and what is their capacity?
How do my wells compare to emissions intensity distribution in basin/play and relative to peers?	What is driving differences in emissions intensity and which practices can we adopt to make a difference?	How can I differentiate upstream investments on current and future emissions intensity and validate what they report?

About S&P Global Commodity Insights

At S&P Global Commodity Insights, our complete view of global energy and commodity markets enables our customers to make decisions with conviction and create long-term, sustainable value.

We're a trusted connector that brings together thought leaders, market participants, governments and regulators, and we create solutions that lead to progress.

Vital to navigating commodity markets, our coverage includes oil and gas, power, chemicals, metals, agriculture, shipping and energy transition. Platts® products and services, including the most significant benchmark price assessments in the physical commodity markets, are offered through S&P Global Commodity Insights.

S&P Global Commodity Insights is a division of S&P Global (NYSE: SPGI).

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