United States Upstream Content



S&P Global
Commodity Insights

Upstream CSM+ | Seize success with streamlined solution offerings — flourish in an ever-changing world

Thrive in today's dynamic world with S&P Global Commodity Insights Upstream Solutions. We've harnessed our market-leading wealth of content, insights, and cutting-edge software and analytics solutions and combined them into streamlined enterprise-wide packages.

By integrating our solutions, you gain the actionable insights crucial for navigating global market changes. Anticipate risks, evaluate opportunities, and optimize investments with confidence.

Our approach is designed to be simple and transparent. We offer clear and easy-to-understand service packages, enterprise-wide contracts, and delivery platform-agnostic pricing. Our value-based pricing models ensure that you get the most out of our services, enabling your organization to drive efficiency and collaboration across technical and commercial workflows while making swift decisions and mitigating risks.

As your trusted partner, our solutions delivery team will continuously collaborate with you to grasp your strategic goals, challenges, and workflows. This collaboration enables us to identify areas where we can provide added value, ensuring your organization is equipped to thrive in an ever-changing world.

Overview

Geographic coverage — United States

Licensing — Enterprise-wide access

History — Current and planned activity

Content package options — Market Insight

Market Insight

Access to real-time updates, breaking news, analysis, forecasts, fundamental data, and tools.

You get:

- Historical, real-time and planned activity
- Market research and analysis reports
- Industry news and analysis
- Market intelligence and commentary
- Analytical tools
- Fundamentals data
- Forecasts
- Maps and geospatial

Data and distribution

Get the edge in today's global markets with our Essential Intelligence® delivered through the providers and platforms which suit you.

Desktop & mobile

Cloud

Data feed

API solutions

Markets covered:



U.S. Exploration & Production



U.S. Energy Sector



U.S. Energy Transformation

Energy resources and technologies serviced:

- Natural Gas
- Oil
- Geothermal
- Water Management
- Carbon Management (CCUS)
- Natural Hydrogen
- Lithium Extraction

Content and Insight	Data Type	What's Included
U.S. Content	Basin & Geology	Interpreted Formation Tops, Online Structure Maps; Basin Studies (Kingdom and Spatial)
	Land & Locations	Basemap Map Data (Land Grid Data) including Well locations with Latitude and Longitudes; Fed, State & Fee Lease, Mineral Ownership, Regulatory Units & Tract Fee Summary and Fee Lease Reports
	Wells & Logs	General Well, Horizontal Data, Dates, Raster, Digital
	Production & Injection	General Production Data, Volumes, Initial Potential Test (IPT), Drill Stem Tests, Production Summaries and Injection Data, Injection Volumes and Pressures
	Completions	Frac Disclosure, Completion Attributes, Treatment Details, Perforation and Oil Country Tubular Goods (OCTG) Information
	Activity	Permits, Rig Activity, Rig History, Rig Chronology, Offset Drilling
	Midstream	Pipelines, Facilities
	Geophysical	Seismic Surveys, General Survey Data
	Spatial	Production, Well, Blocks, Leases & Sales, Company Acreage, Reservoirs, and Fields
	Emissions	Granular emissions and intensity on all U.S. wells by GHG type and source
	Energy Documents	Current and historical well, completion, permit, test, and drilling PDF documents
	Drilling Wire on the Web & Energy News On Demand	Onshore and Offshore Drilling Activity Reports from Network of Scouts, Daily U.S. E&P Activity News, Search 12 month Editorial Archive, Activity Monitor, RSS feeds, Direct Access to Regional Editors
	Impact Derived Data	Production Decline, Remaining Inventory, Acreage Valuation, Well-Level Economics, Predictive Production, Transactions & Assets
	Upstream Intelligence	Farm In–Farm Out, License Round Monitor & Calendar, Petroleum Rights, Exploratory Drilling, Production & Reserves, Field Development, International Energy Letter, Direct access to Experts, Daily Exploration Alert, Activity Maps, RSS Feeds
U.S. Land for Renewables	Land	Census Data, Transmission Lines, Key Wildlife Areas (Wind and Solar) sourced from The Nature Conservancy, Wind Turbines, County Ordinances (Wind and Solar), Solar Supply Curves
Midstream Content	Midstream Essentials	Transportation: Pipelines, Compressor & Pumping Stations, FPSOs, Ports, Terminals, Storage; Processing: LNG, Gas Processing, Refining, Syn-biofuels; Primary Markets: Electric Plants, Olefins, Methanol, Ammonia, Heavy Industrial, Spatial Delivery
International Content (United States including Alaska and Gulf of Mexico Only)	Basin & Geology	Geological Provinces, Basin Monitor Remarks, Genetic Units, Stratigraphy, Plays, Unconventional Plays, Petroleum Systems, Bibliography
	Wells	General Well Information, Operations, Contracts and Operator/Partners, Drilling Details and Equipment, Stratigraphy, Tests and Sampling, Gulf of Mexico Formation Pressure
	Contract/Block (Land Lease)	Contract and Ownership Information
	Fields & Reserves	General Field Data, Development History, Reservoirs, Production and Reserves, Fluid and Gas Characteristics, Hydrocarbon Data by Field and Reservoir, Geological Data by Field and Reservoir, Field Outline, Images and Bibliography
	Installations	General Installation Data, Installation Operational Details
	Surveys	General Survey Data, Spatial Data, Survey Operational Plan
	Spatial	Geography, Political Borders and Limits, Offshore Country Polygons, Shelf and Deepwater Polygons
	Emissions	GHG Emissions Data

Content and Insight	Data Type	What's Included
Insight	E&P Terms and Above-Ground Risks	E&P Activity & Success, E&P Fiscal, E&P Legal and Contractual, Oil & Gas Risk
	Companies and Transactions	Upstream Company Research covering Company Valuation, Upstream Asset Portfolio and Strategic Positioning, Peer Benchmarking
		Transactions Research covering M&A Database and Insights, Assets on the Market, Opportunity Screening, and Due Diligence
		Plays & Basins North America covering Strategic and Commercial Insights, Key Points, Experts Insights, Key Play Analytics Tools; Quarterly supply forecasts, comprehensive views and scenario analysis of operator strategy, investor expectations, global commodity markets, midstream and service sector capacity, and play trend analysis
		Low-carbon Research covering Low-carbon Database, Company Strategies, Segment Trends
	Upstream Transformation Service	Company low carbon strategies, actions, and ability to execute trackers, and insights identifying emerging corporate best practices
		Regulatory and policy, incentives, government low-carbon action trackers, and research and insights on future policy directions and developments that are related to the upstream transformation
		Technology development strategies, trends and sourcing trackers, proprietary research frameworks, datasets, profiles and case studies covering low carbon, digitalization,, and core upstream domains
		CCUS: Cost indexes, technology and subsurface assessments, supply chain reviews, regulation and policy tracker, and project and hubs database

Key service highlights

Comprehensive Data

- 5.3 million+ oil and gas well records in the United States with 1150+ data attributes per well dating back to 1859.
- 3.8 million+ depth-calibrated rasters tied to the well.
- 250,000+ liquid and gas injection wells tied to our 14-digit unique identifier.
- 390,000+ digital logs indexed to the well header data.
- 480,000+ directional surveys tied to the well.
- 10.9 million individual interpreted formation tops for 1 million+ U.S. wells.
- 600,000+ 2D and 3D seismic location data with detailed attribute information.
- Production allocated down to the well from lease-level and tracked to the entity after new completion.
- 10 million+ IP tests and 1.5 million+ DSTs.
- 7.1 million+ searchable current and historical well, completion, permit, test, and drilling PDF documents.
- 6,000+ wells with measured pore pressure for GOM.
- 12.8 million+ well attributes defined by leveraging high quality Commodity Insights interpreted tops database in Anadarko, Denver–Julesburg (DJ), Green River, Permian, Powder River, and San Juan basins.

Global Research and Analysis

- 25 years of financial and operational data covering 1,200 + metrics for 300+ publicly traded energy companies
- 60,000+ energy transactions, 8,000+ deals and 100,000 + fields of data for low-carbon transactions
- In-depth expertise from across company, regulatory, and technology domains
- 1,200+ CCUS projects tracked globally, updated monthly from announcements to cancellations
- 150,000+ upstream and clean technology patents tracked across 50+ innovative energy companies

Key market insights

- **U.S. Well Data:** Most complete and accurate well database in the industry with over 5.3 million oil and gas well records in the United States containing over 1150 data attributes o dating back to the Drake Wel of 1859.
- **U.S. Production Data:** Most all-inclusive production database and field map layers available in the industry of both allocated and unallocated data, tracking production and more than 3.1 million producing entities in the U.S., including many unrecorded by state regulatory agencies.
- **U.S. Injection Data:** Volumes and pressures for every injection well in the United States where injection is reported, including capacity, spare capacity monitoring, seismic response areas (SRAs), CO_2 and H_20 pipelines, EPA well classifications, UIC numbers, and fluid injection tied to geological formation via PRODFit.
- **Upstream Intelligence:** Up-to-date picture of U.S. upstream (commercial and subsurface) activity that provides energy industry professionals with critical business intelligence and commentary on historical, current, and planned activity.
- **U.S. Land for Renewables:** Land datasets curated specifically conducting renewable energy land siting analysis that enables land to be identified with the right environmental, physical, and infrastructure characteristics for renewable energy projects.
- **Companies and Transactions:** Independent and comprehensive strategic, financial, and operational insights on leading energy companies, their underlying plays and basins activity (North America unconventionals), and global energy M&A transactions. The service identifies market trends, competitive dynamics, and growth opportunities that define an operator's value proposition and investment thesis. Additionally, the M&A analysis identifies global market trends and key valuation metrics across the energy value chain, including low-carbon assets.
- **Upstream Transformation Services (UTS):** Provides a one-stop resource of ongoing research and in-depth analysis on the challenges oil and gas operators face as they move to a low-carbon world. Through three lenses, strategy, policy, and technology, its dedicated CCUS research covers the entire development value chain.
- **Upstream Content Delivery:** Machine-to-machine delivery for enhanced and streamlined data delivery of United States Upstream Content subscription. Includes:
  - Amazon Redshift
  - API
  - Databricks
  - Drilling Wire
  - EDIN
  - Enerdeq™
  - Energy News on Demand
  - Energy Studio Impact
  - Land Studio 1.0 & 2.0
  - Platts Connect
  - S&P Connect
  - Spatial Layers/Energy Map Services
  - Snowflake®
  - U.S. Offset Drilling Data
  - Upstream DataReady
  - Vantage™
  - Well Log Downloader

How customers are using our data and insights

Management, Strategists, Business Development, and Competitor Analysts:

- Assess the global industry position to drive informed strategic company decisions.
- Evaluate M&A activity, exploration focus, and corporate-level reserves and financial management.
- Monitor the competitive landscape and benchmark performance between assets, companies, and countries.
- Identify new opportunities and evaluate potential partners.
- Assess corporate strategies' impact on the company-wide carbon footprint to make informed decisions.

Legal, Regulatory and Compliance:

- Analyze the legal aspects of conducting business within operational countries for effective negotiations of agreements.
- Monitor compliance with contractual obligations, ESG initiatives, and other legal and regulatory requirements.
- Stay up to date with energy laws and regulations in each country of operation.
- Ensure optimal company value through an understanding of the regional legal landscape.

Economist:

- Analyze operations and competitors in the market.
- Understand incoming data and metrics to extract insights.
- Balance the portfolio, forecast trends, and provide recommendations to strategic decision-makers.

Landman:

- Secure access to above-ground surface and below ground mineral rights by establishing, interpreting, and negotiating agreements with government agencies, landowners, and other companies.

Geoscientists:

- Conduct regional exploration studies and basin petroleum system evaluations.
- Integrate and interpret subsurface data to construct reservoir models and maps.
- Perform reservoir and field analysis.
- Assess upcoming bid rounds.
- Utilize emissions data to assess and manage GHG emissions across the asset portfolio.
- Employ geospatial energy transportation data to assess pipeline infrastructure and identify potential storage sites for carbon capture projects.

Reservoir Engineers:

- Estimate oil and gas reserves from reservoir characterization models and forecast production.
- Monitor production data to ensure the efficient recovery of established reserves.
- Economically justify capital exploitation projects.

Drilling and Completions Engineers:

- Formulate the well plan, schedule, design, and manage drill site operations for initial drilling, completion, and subsequent well intervention procedures.

Production Engineers:

- Evaluate well and system performance to identify production issues and inefficiencies.
- Monitor production metrics and design/adapt strategies for optimal production over the well and asset lifecycle.

Operations Engineers, Field Operators, and Supervisors:

- Manage all aspects of field-level activities of oil and gas production including data capture, production operations, resource management and reporting.

Facilities Engineers:

- Develop, budget, design, build, and manage the upkeep of surface processing equipment and flow lines, extending from onshore and offshore production facilities to the sales meter.

Renewable Energy Analysts:

- Identify most effective and strategic areas for leasing of wind, solar, geothermal, and CCUS projects.

Investment Bankers, Commercial Lenders, Asset Managers in Financial Services:

- Assess M&A and trend activity.
- Assess market dynamics.
- Identify potential clients and facilitate advisory services.
- Assess the worth of businesses and assets.
- Assess lending risks to make lending decisions.
- Use independent company valuations to make informed investment decisions.

Why choose this service

- **Exploration Analyses:** Perform an in-depth analysis of well properties, porous zones, and identify the most efficient injection/production methods for both onshore and offshore exploration.
- **Basin-level evaluation:** Conduct basin-level evaluations to guide decisions on competition, growth potential, portfolio priorities, business prospects, exploration efforts, and new venture strategies.
- **Maximize Asset Potential:** Leverage extensive production data to identify new opportunities or forecast future production and revenue potential of your E&P assets.
- **Analyze Drilling Results for Success:** Assess current and historical drilling results to estimate the likelihood of achieving successful outcomes.
- **Mitigate Data Location Risks:** Reduce the risk of suboptimal decisions in acreage evaluation by swiftly resolving location issues, simplifying data setup, and seizing all opportunities.
- **Expert Guidance:** Gain direct access to embedded country experts to assess the evolving interface of geology and commerce for your country or region of interest, effectively planning for the future.
- **Streamlined Data Access:** Save time by seamlessly accessing enhanced, regulatory and derived data from multiple subscription datasets via your preferred delivery option. Efficiently find and evaluate opportunities, explore properties, and manage assets across the United States.
- **Integrated CCUS Solutions:** Transform CCUS project success with a holistic approach by leveraging policy and technology outlooks, emissions quantification, and thorough site suitability assessments to optimize carbon management projects from inception to implementation.
- **Benchmarking Insights:** Understand the key financial, operational, and transaction metrics to benchmark companies within the upstream industry and remain competitive.
- **Basin and Play Commentary:** Receive basin and play-level commentary from experts with extensive upstream industry experience to improve your strategic plans.
- **Peer and Best Practice Analysis:** Utilize peer benchmarking and best practice identification insights to evaluate decisions for transforming your upstream strategies, portfolios, technologies, costs, regulations, and emissions.
- **Competitive Event Monitoring:** Effectively monitor significant events that may impact a play or basin's commercial potential so you can make the best portfolio investment decisions before your competitors.
- **Valuation and CAPEX Evaluation:** Evaluate company valuations and capital expenditures to identify risks beyond peak output and understand winning strategies.

About S&P Global Commodity Insights

At S&P Global Commodity Insights, our complete view of global energy and commodities 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 to co-create solutions that lead to progress. Vital to navigating Energy Transition, S&P Global Commodity Insights' coverage includes oil and gas, power, chemicals, metals, agriculture, and shipping.

S&P Global Commodity Insights is a division of S&P Global (NYSE: SPGI). S&P Global is the world's foremost provider of credit ratings, benchmarks, analytics and workflow solutions in the global capital, commodity and automotive markets. With every one of our offerings, we help many of the world's leading organizations navigate the economic landscape so they can plan for tomorrow, today. For more information, visit www.spglobal.com/commodityinsights.

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