

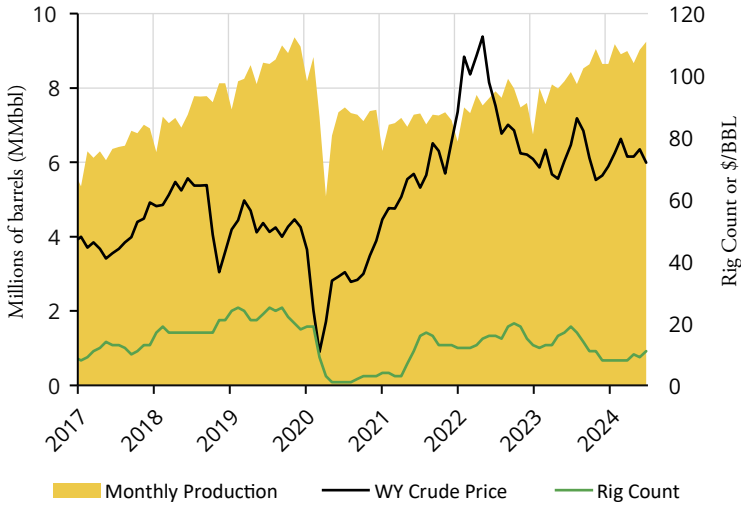


2024 Oil, Gas, & CCUS Summary

Wyoming State Geological Survey

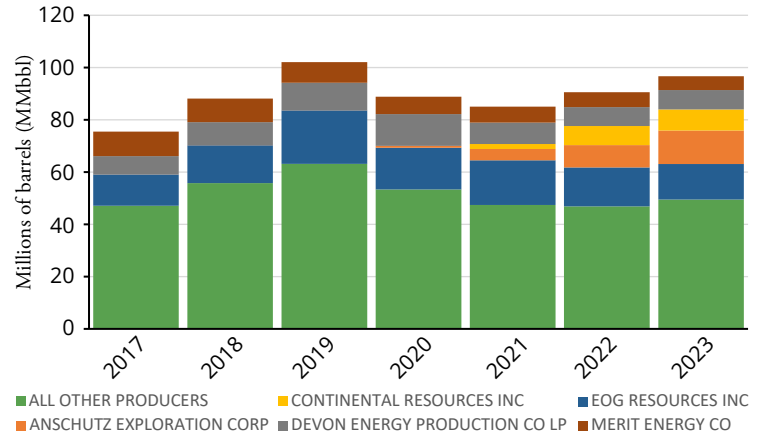
Published January 2025

Wyoming Crude Oil Production



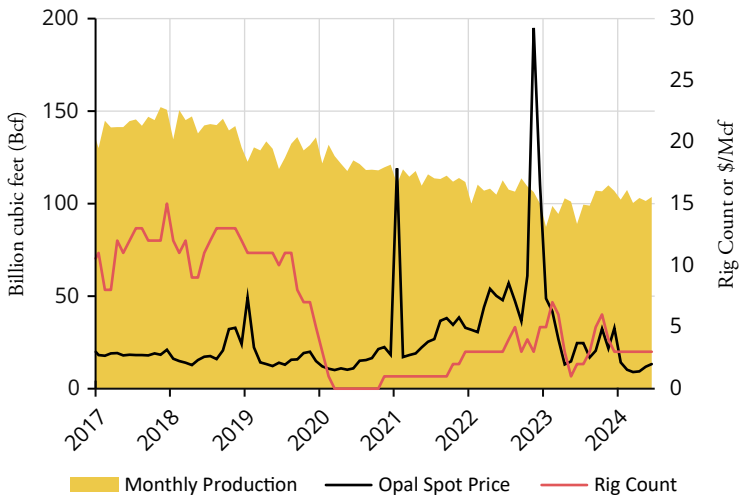
Monthly Wyoming crude oil production (Jan 2017–July 2024, yellow), number of oil-targeting drill rigs (green), and Wyoming crude price (black).

Top Wyoming Oil Producers 2017–2023



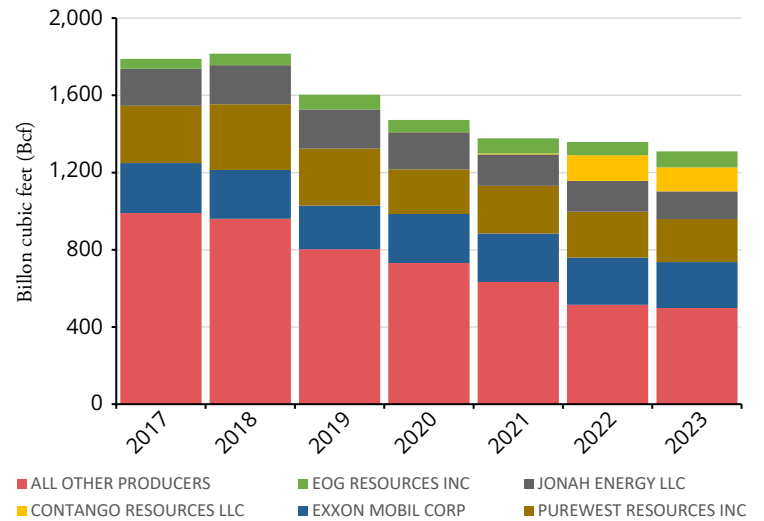
Top-five oil-producing operators in Wyoming (in 2023, WOGCC data) and their yearly production from 2017 through 2023. In 2023 these five operators were responsible for 47.2 million barrels (48.8%) of Wyoming oil production in 2023, while 292 other oil operators contributed 49.5 million barrels (51.2%) of production.

Wyoming Natural Gas Production



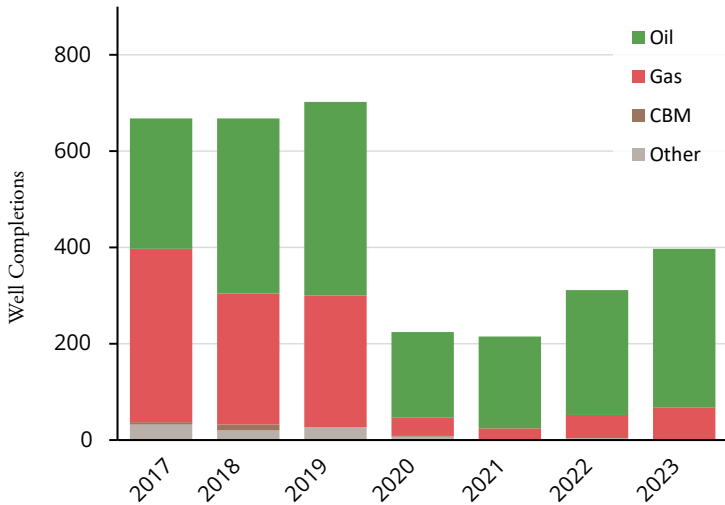
Monthly Wyoming natural gas production (Jan 2017–July 2024, yellow), number of gas-targeting drill rigs (red), and the Opal spot price in western Wyoming (black).

Top Wyoming Gas Producers 2017–2023



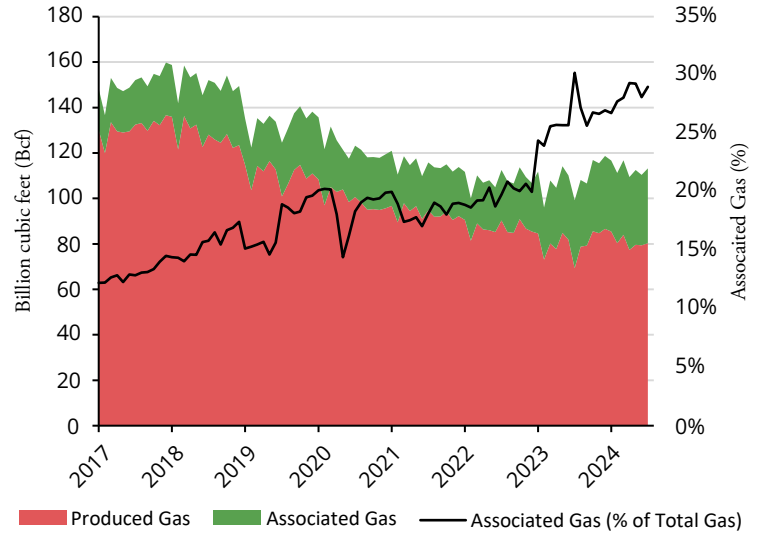
Top-five gas-producing operators in Wyoming (in 2023, WOGCC data) and their yearly production from 2017 to 2023. In 2023, these five operators were responsible for 811 billion cubic feet (61.9%) of Wyoming gas production in 2023, while 182 other gas operators contributed 498 billion cubic feet (38.1%) of production.

New Well Completions 2017–2023



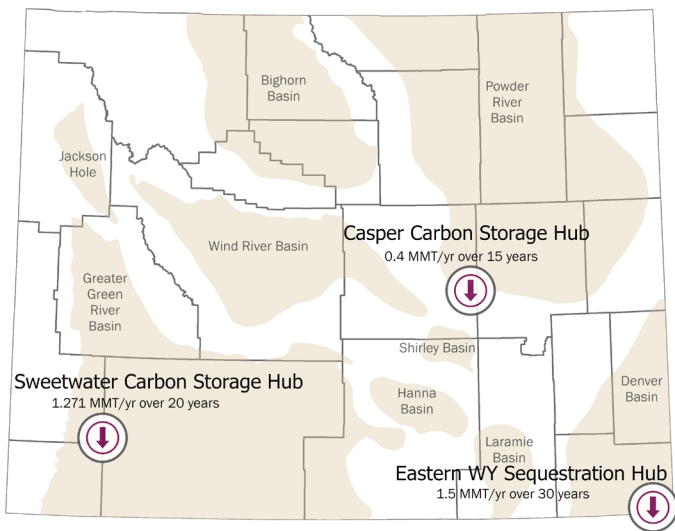
Total annual completions of new wells in Wyoming, 2017–2023, by well class: oil, natural gas, coalbed methane (CBM).

Natural Gas Production by Well Type 2017–2024



Wyoming’s monthly natural gas production by well type: gas-targeting wells (red) and associated gas from oil-targeting wells (green). Recently, oil-focused drilling has outpaced gas-focused activity (589 oil wells vs. 114 gas wells completed in 2022–2023). As older gas wells have declined in output and newer wells have focused on oil production, associated gas has risen from 13% of total production for 2017 to 26% for 2023.

Class VI Carbon Capture, Utilization, & Storage Projects



Class VI CO₂ injection well projects in Wyoming. Class VI wells store CO₂ underground as defined by the Wyoming Department of Environmental Quality (www.deq.wyoming.gov). MMT= million metric tons.

Additional Resources

Established in 1933, the Wyoming State Geological Survey (WSGS) has a long-standing history of mapping and reporting on the state’s oil and gas resources. Over the decades, the WSGS has continually refined its oil and gas publications, offering critical data to state agencies, industry partners, and the general public. Below is a curated list of resources that showcase the agency’s vital work on Wyoming’s oil and gas development.

- [Interactive Oil and Gas Map of Wyoming](#)
- [Oil & Gas Basins](#)
- [Maps & Publications](#)
- [Oil & Gas Facts](#)



Scan or click to explore detailed maps, reports, and research on Wyoming’s oil and gas resources provided by the Wyoming State Geological Survey.

Project Name	Operator	Est. Sequestered CO ₂	Reservoir
Casper Carbon Storage Hub	Casper Carbon Capture, LLC	0.4 MMT/yr over 15 years	Sundance Formation and Crow Mountain Sandstone
Eastern WY Sequestration Hub	Tallgrass High Plains Carbon Storage, LLC	1.5 MMT/yr over 30 years	Lyons Sandstone
Sweetwater Carbon Storage Hub	Frontier Carbon Solutions, LLC	1.271 MMT/yr over 20 years	Nugget Sandstone

Class VI projects, their operators, estimated CO₂ sequestration volumes, target reservoirs, and project status. Wells are issued by approval through WDEQ unitization. MMT = million metric tons.