



Drilling rig rules in upper green river basin

Where are oil and gas fields located in the Green River basin?

Many oil and gas fields in the Greater Green River Basin occur in anticlinal traps, which are secondary folds on the larger-scale Laramide uplifts. The giant Jonah gas field is another type of structural trap where natural gas is trapped in the Lance Formation sandstones within a fault-bounded wedge (Cluff and Cluff, 2004).

What is the Greater Green River basin?

The Greater Green River Basin is an amalgamation of several sub-basins, including the Green River, Great Divide, Washakie, and Sand Wash basins. These sub-basins were formed during the Late Cretaceous to Early Eocene Laramide orogeny with the uplift of the Moxa arch, Rock Springs Uplift, Cherokee Ridge arch, and Wamsutter arch.

Why is the Green River basin important?

These source rocks are responsible for significant oil shale deposits in the Green River Formation and biogenic gas accumulations (i.e., coalbed natural gas) in both the Wasatch and Green River formations. The Greater Green River Basin is a mature hydrocarbon province that has been under production since the early 20th century.

How big is the Green River basin in Wyoming?

The footprint of the basin covers 54,269 square km (20,953 square mi) in Wyoming. The Greater Green River Basin is bounded on the west by the Sevier overthrust belt, on the north by the Wind River Range, on the east by the Rawlins Uplift and Sierra Madre mountain range, and to the south by the Uinta Mountains.

Where are horizontal drilling & hydraulic fracturing in the Washakie Basin?

Horizontal drilling and hydraulic fracturing in the Washakie Basin, the far eastern flank of the basin, and the giant Jonah and Pinedale fields have resulted in productive natural gas wells. These horizontal wells are targeting the Fort Union and Lance formations and the Mesaverde Group.

What happened to oil and gas production in the basin?

Production had been in decline from the basin's 2009 highs of 15.9 million barrels of oil and 1.43 trillion cubic feet of gas (WOGCC, 2025), however; there has been a slight increase in production for both oil and gas in each of the past two years.

An Ensign drilling rig contracted by Jonah Energy at a drilling site is shown in 2014 in the Jonah Field near Pinedale. Ozone levels this year in the Upper ...

Where is the Powder River Basin? Located in southeast Montana and northwest Wyoming, the Powder River Basin is a region known for its rich coalbed methane potential - ...



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Green River Basin drilling permits updated daily includes, API Number, lease information, Wellbore type, production Type, proposed depth, operator, operator contact and ...

The company's position is that emission reductions can be achieved while continuing to develop the Jonah Field. Citizens giving testimony expressed concerns over lack of sufficient scientific ...

While ozone is a colorless gas, citizens pointed to the "brown cloud" that frequently hangs over the Pinedale Anticline and Jonah gas fields as visible proof of the deteriorating air quality of ...

A task force has recommended the natural gas industry install equipment on rigs, compressors and other products to control the leaking of emissions that create winter ozone in the Pinedale ...

Oil and gas fields in the Uinta Basin of eastern Utah produced about 24 million barrels of oil and 280 billion cubic feet of gas in 2016 from the ...

While the Niobrara/Codell play in the Denver-Julesburg Basin is the headliner among Rocky Mountain basins today-and rightfully so-a number of operators ...

"The rules represent commonsense, cost effective, and technologically practicable measures necessary to restore healthy air to the Upper Green River Basin and its citizens."

Dry Gas Basin Breakeven Analysis Most of the dry gas plays in the U.S. have breakeven prices above the current 2020-2023 strip at 2.48/MMBtu - Dry gas producers will require higher ...

The Following is a list of active companies and lease operators in the Green River Basin Click the company name below to view well permitted, active rigs, capital budgets, contact information ...

As the massive Pinedale Anticline and Jonah natural gas fields drew dozens of rigs into Sublette County, Wyoming, air quality in the basin deteriorated in the winter months until, in 2011, ...

Green River Basin Companies Showing 4 of 43 Active Companies The Following is a list of active companies and lease operators in the Green River Basin Click the company name below to ...

The iconic 170-mile-long migratory path connects Grand Teton National Park and crucial winter range farther south in the Upper Green River Basin. Drilling in the area could ...

In this Jan. 22, 2010 photo, antelope graze not far from gas drilling rigs in western Wyoming's Upper Green River Basin, where ozone levels last week exceeded ...



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Antelope graze not far from gas drilling rigs in western Wyoming's Upper Green River Basin, where ozone levels last week exceeded the worst ...

The source rocks for oil and associated gas found in the Wasatch Formation are organic-rich carbonate mudstones of the Green River Formation, and are located at a depth of 8,500 to ...

Powder River Basin - Oil and Gas Map The Powder River Basin is emerging as a world class oil and gas basin, and currently has eight drilling rigs active in the basin, which is the same ...

Green River Basin Operators The Following is a list of active companies and lease operators in the Green River Basin Click the company name below to view well permitted, active rigs, ...

Greater Green River Basin Formation Tops Database, Structure and Thickness Contour Maps, and Associated Well Data, with a Focus on Potential Continuous Reservoirs, 2021 Oil and ...

The Upper Green River Basin (UGRB) is western Wyoming's sagebrush steppe, a landscape punctuated by ribbons of wildlife habitat, stunning vistas, and important cultural sites. The ...



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