

# GAO Highlights

Highlights of [GAO-19-718T](#), a testimony before the Subcommittee on Energy and Mineral Resources, Committee on Natural Resources, House of Representatives

## Why GAO Did This Study

Interior oversees energy production on federal lands and waters and is responsible for ensuring taxpayers receive a fair return for access to federal energy resources. Oil, gas, and coal on federal lands provide an important source of energy for the United States; they create jobs; and they generate billions of dollars in revenues that are shared between federal, state, and tribal governments. However, when not managed properly, energy production on federal lands can create risks to public health and the environment, such as contaminated surface water. In February 2011, GAO designated Interior's management of federal oil and gas resources as a program at high risk for fraud, waste, abuse, and mismanagement or the need for transformation.

This testimony discusses GAO's work related to ensuring a fair return on resources from federal lands. To do this work, GAO drew on reports issued from May 2007 through September 2019 and preliminary observations from ongoing work. GAO reviewed relevant federal and state laws, regulations, and policies; analyzed federal data; and interviewed federal, state, and industry officials, among others.

## What GAO Recommends

For the reports discussed in this testimony, GAO has made 20 recommendations and three matters for congressional consideration. Interior has taken steps to implement a number of these recommendations, but 10 recommendations and two matters for congressional consideration remain unimplemented, presenting opportunities to continue to improve management of energy resources on federal lands.

View [GAO-19-718T](#). For more information, contact Frank Rusco at (202) 512-3841 or [RuscoF@gao.gov](mailto:RuscoF@gao.gov).

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## FEDERAL ENERGY DEVELOPMENT

### Challenges to Ensuring a Fair Return for Federal Energy Resources

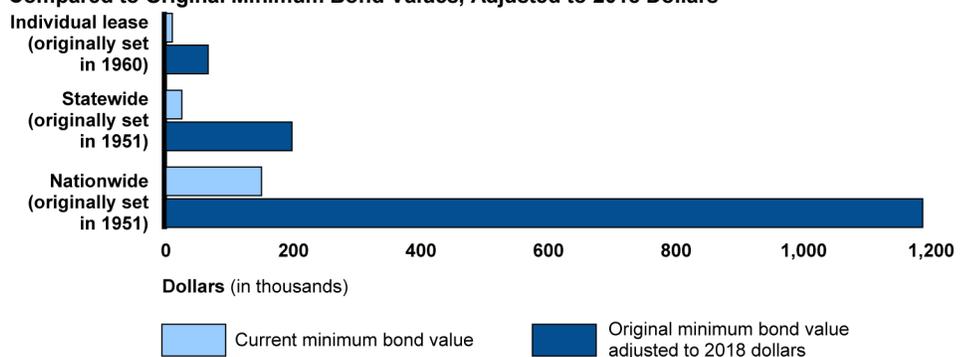
#### What GAO Found

GAO's prior and ongoing work found challenges related to ensuring a fair return for oil, gas, and coal developed on federal lands in areas, including the following:

**Oil, Gas, and Coal Lease Terms and Conditions.** Key federal lease terms are the same as they were decades ago, and Interior has not adjusted them for inflation or other factors that may affect the federal government's fair return. In June 2017, GAO reported that raising federal royalty rates—a lease term that defines a percentage of the value of production paid to the government—for onshore oil, gas, and coal resources could decrease production on federal lands by a small amount or not at all but could increase overall federal revenue. Also, preliminary observations from GAO's ongoing work indicate that selected states charge royalty rates for oil and gas produced on state lands at a higher rate than the federal government charges for production on federal lands.

**Oil, Gas, and Coal Bonding.** GAO found in September 2019 that oil and gas bonds do not provide sufficient financial assurance because, among other things, most individual, statewide, and nationwide lease bonds are set at regulatory minimum values that have not been adjusted for inflation since the 1950s and 1960s (see figure). Further, GAO reported in March 2018 that coal self-bonding (where an operator promises to pay reclamation costs without providing collateral) poses financial risks to the federal government. Bonds provide funds that can be used to reclaim lands—restore them as close to their original natural states as possible—if an operator or other liable party does not do so.

**Bureau of Land Management Current Regulatory Minimum Oil and Gas Bond Values Compared to Original Minimum Bond Values, Adjusted to 2018 Dollars**



Source: GAO analysis of Bureau of Land Management data. | GAO-19-718T

**Natural Gas Emissions.** In October 2010, GAO reported that data collected by Interior likely underestimated venting and flaring because they did not account for all sources of lost gas. GAO reported that economically capturing vented and flared natural gas could increase federal royalty payments by \$23 million annually and made recommendations to help Interior better account for and manage emissions. In November 2016, Interior issued regulations consistent with GAO's recommendations, but Interior has since issued revised regulations, which are inconsistent with GAO's recommendations.