



COLORADO

Department of
Natural Resources

Modernizing the Colorado Oil and Gas Information System (COGIS)

Background

The Energy and Carbon Management Commission (ECMC) is requesting cash fund spending authority to modernize its primary database system, the Colorado Oil and Gas Information System (COGIS). Some of the data available on COGIS includes the amount of oil and gas production, inspection information, and in some cases violation reports. Changing regulatory and operational needs have required the implementation of new features to existing applications and substantially increased both the volume of information the system must support and the complexity of the data system architecture. This has strained the ability to maintain data integrity and accessibility for stakeholders, including members of the conservation community, oil and gas operators, and concerned citizens. As such, the entire system is in need of an overhaul to accommodate new regulatory requirements, expanded data collection and reporting, and a new and stable application system. The ECMC is requesting \$2 million to modernize the system. Funding for this request will be cash funded and under current projections, will not require a fee increase.

Problem

- The COGIS database was implemented in 1999. Over the past 25 years, increased data volume and application load have outpaced the periodic database system updates, resulting in inadequate stability and performance of critical COGIS tools and resources.
- COGIS users experience timeouts and sluggish responsiveness when using ECMC's many electronic forms resulting in inefficient regulatory processes.
- Decades of changing rules and regulations have created a complex relational database in which data integrity is more difficult to manage.

Proposed Solution

Modernization of the COGIS system architecture will allow for improved customer interactions, better system performance, and improved data integrity and security, allowing ECMC to deliver continuous service availability to customers.

Contact

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COGIS - Production Data Inquiry

Production reports will be listed by year and will show monthly production within the year selected.

Data can be requested by Well, Operator, County, or Field.

Display Production Data according to:

Well Operator County Field

 WARNING: Grouping by well, without entering search criteria below, will return a large number of records.

Consider using the "Limit Records" selection until you are sure you have the correct search criteria for you needs.

Enter search criteria:

Year Range to

County

Select county here if you are **NOT** using API codes.

ADAMS
ALAMOSA
ARAPAHOE
ARCHULETA
BACA
BENT

You may select multiple counties by holding down the Ctrl key while selecting.

Well API County Code: Sequence Code: Well Bore Code:

Operator Name or Operator Number

Well Name

Field Name or Number

Location: Qtrqtr Sec Twp Range

Limit Records:  CAUTION: COGIS contains millions of production records!

Submit

Reset

COLORADO OIL AND GAS INFORMATION SYSTEM (COGIS)

Inquiry

- [Facility](#)
- [Sample Site](#)
- [Production](#)
- [Levy](#)
- [Inspection/Incident](#)
- [Operator Name, Address and Financial Assurance](#)
- [Local Governments](#)
- [Reclamation Inspection Status Report By Operator](#)

*The images above are screenshots of the COGIS system and online forms that are submitted through it.