Oil & Gas - Power BI

Measure Oil & Gas Production More Efficiently

Case Study: Colorado Oil and Gas Conservation Commission

We used Power BI to help the Colorado Oil & Gas Conservation Commission to convert countless spreadsheets of tabular data into a single set of powerful analytics, giving users better insight into oil and gas production levels.

Problem:

The Commission was sitting on a goldmine of historical data about oil and gas production. Yet, to gain meaningful insights, users had to pour over years of granular data, and wrangle multiple spreadsheets (55 to be exact) to answer even simple (but critical) questions.

Solution:

Using Power BI, we took stale, tabular data, and transformed it into dynamic visualizations that allow users to discover insights, leading to better decisions regarding our client's investment in natural resources.

DNR | COLORADO
Oil & Gas Conservation Commission
Department of Natural Resources

Results:

Using Power BI, we transformed historical data into a strategic asset, empowering users in both the public and private sectors to make informed decisions about natural resources. Gaining actionable, new insights from historical data is just one of the high-impact values of using Power BI.

Power BI brings data to life so users have the ability to answer questions more easily, make better forecasting decisions, see historical patterns and trends, and visualize activity by geographic location through interactive maps.

Systems Used:

- Power BI Desktop
- PowerBI.com
- Excel
- Proprietary Database

Dashboards