



CRESTONE PEAK
RESOURCES

Producing Responsibly Sourced Natural Gas

As part of a commitment to environmental leadership and best management practices to reduce emissions, Crestone became one of the first Colorado energy producers to partner with end-users, like utility companies, and other supply chain partners to deliver responsibly sourced natural gas certified by third-party, independent verification providers.

What is responsibly sourced natural gas?

Responsibly sourced natural gas is natural gas produced by oil and gas companies whose operations have been independently verified as meeting certain environmental, social, and governance (ESG) standards. These include efforts to protect air and water quality, reduce impacts on land and engage in dialogue with surrounding communities. Responsibly sourced gas also can be referred to as Certified Low-Emission Intensity Natural Gas.

What does Crestone do to earn responsibly sourced natural gas certification?

Crestone begins with innovative well design and construction to create tankless or “tanklite” sites (fewer long-term storage tanks than conventional sites) wherever possible; design requirements include:

- Smaller footprints and pipelines for oil takeaway, to minimize truck trips.
- Vapor Recovery Units to capture flash gas, a vapor produced from heating or depressurizing the extracted oil mixture during production.
- Grid-powered instrument air skids, which remove natural gas-actuated pneumatic controllers, a potential emissions source.

Crestone’s practice is to use a vent-free fully enclosed flowback process to capture temporary natural gas emissions coming from a well after it has been completed and before it goes into production, and to direct gas to a pipeline to be transported off-site, rather than vented or flared, reducing any potential impact on air quality.

Crestone uses several techniques to monitor air quality and demonstrate that well sites are working as designed. Since 2020, Crestone has used real-time, continuous air quality monitoring to provide assurance that the company’s rigorous emissions reduction methods are performing as expected to produce natural gas with a lower emissions intensity. The technology from Project Canary alerts Crestone in real time to changes in air quality around a site, so adjustments can be promptly made, as needed.

Trustwell™ by IES, an independent certification provider, collects data on 32 specific environmental points related to Crestone’s site engineering and operations and generates an overall responsibility score.



Today, 80% of Crestone’s production volumes are certified by IES TrustWell™, the first Colorado producer to achieve this milestone.

In May 2021, Crestone announced a partnership with Xcel Energy, Colorado’s largest utility, to provide enough certified low emissions-intensity natural gas to supply about 20,000 homes.

Read more in the Denver Post, '[Colorado oil and gas company aims to produce “cleanest molecules” anywhere](#)'

Crestone’s responsibly sourced natural gas program is another example of Crestone’s commitment to leadership in sustainability and ESG, including exploring and investing in best practices to reduce impacts from energy production while producing the energy safely and responsibly.