

# Case Story



## Increased Production to Leverage Strong Oil Prices

### Client:

The client, a Canadian oil and gas company, has acquired several TCI incinerators to optimize the combustion of casing and separator gas in regions where access to pipelines is limited. These operations take place in a highly populated area of Alberta, where residents have expressed concerns about the visible flames, black smoke, and unpleasant odors produced by traditional flare stacks. By implementing TCI incinerators, the company aims to reduce the environmental impact of its operations while minimizing disruption to nearby communities.

### Challenge:

In late 2022, the client enlisted the support of TCI to achieve their objective of increasing production and leveraging strong oil prices. However, an obstacle arose as a surge in drilling and production would result in a higher volume of gas being sent to the existing TCI incinerators, potentially surpassing their engineered set design capacity and leading to flame showing. The energy company was determined to avoid such an outcome, as maintaining positive relations with their landowners was crucial. Adding to the challenge was the uncertainty surrounding the long-term gas rate for the newly drilled wells. The client required a solution that would enable them to act quickly and capitalize on the current oil price while also considering the wells' long-term potential.

### TCI Solution:

TCI provided the company with several rental TCI trailer mounted incinerators. These easy-to-use units were portable and could be easily relocated between sites as they continued to bring new wells online. This approach helped the energy company alleviate the excess gas while avoiding any potential issues with exceeding the capacity of their existing equipment. Moreover, the decision to rent the incinerators, rather than making a purchase commitment, allowed the client to evaluate their wells and future drilling program without the pressure of committing to long-term equipment purchases. This approach gave them the flexibility to make informed decisions based on the well performance and the company's long-term goals.



**INCREASED PRODUCTION**



**DECREASED CAPITAL COST**






**Total Combustion Inc.**



### Discrete Combustion

- No smoke, odor, or visible flame for discreet combustion.
- Minimize impact to local communities and residents.
- No radiant heat concerns.
- Enhanced safety.

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