

Case Story



Two Streams of Gas (Tank and Separator) Onsite

Client:

In early 2023, a mid-sized energy corporation successfully drilled and completed an oil well in southern Alberta. The well yielded 29,000 cubic meters of separator gas and 5,000 cubic meters of tank gas.

Challenge:

Due to a lack of infrastructure to conserve gas and the proximity of nearby residents, the client was unable to employ a traditional flare stack at the site of their newly drilled oil well. Furthermore, the presence of both separator gas and tank gas would typically require two separate pieces of equipment, which would lead to increased operational costs and equipment on-site.

TCI Solution:

With TCI's support, the corporation sought approval from the Alberta Energy Regulator (AER) to produce their recently drilled well and send the gas to an Incinerator for a two-month period. The client then rented a TCI trailer mounted dual stack incinerator with two inlets, allowing both separator and tank gas streams to be efficiently combusted in one unit. As a result, the company was able to produce the well for two months, generating revenue to offset drilling costs and assess the net present value of conserving the gas in the long run.



**GENERATED REVENUE TO
OFFSET DRILLING COST**



**DECREASED
OPERATIONAL COSTS**






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