This is a flare
North Dakota Flares Light the Night Sky
WORLDWIDE – More than 350,000 flares burning
Solutions Wanted

Flare reduction and elimination is now a Federal and State regulatory issue.

North Dakota Regulator Sets New Gas-Flaring Rules
Producers Have to Abide by Production Allowances That Limit Burn-offs

North Dakota’s chief energy regulator said Tuesday it would enforce new restrictions on the amount of natural gas burned off at oil wells, a move designed to reduce flaring to a level more in line with other energy states including Texas.

The state has benefited from a surge in crude-oil production from hydraulic fracturing and horizontal drilling, but much of the natural gas produced alongside oil as a byproduct has been burned off at thousands of wells. That is because the gas can’t be captured or shipped because of inadequate pipeline and gas-processing infrastructure.

The North Dakota Industrial Commission, which regulates and promotes the state’s oil industry, said that will have to change. As of Sept. 30, oil producers will be required to abide by production allowances that limit flaring at new and existing wells. It follows an order last month requiring gas-capture plans for all new drilling permits.

Industry in North Dakota to Cut Flared Natural Gas

By CLIFFORD KRAUSS JAN. 29, 2014

HOUSTON — Faced with growing criticism and lawsuits, an oil industry task force representing hundreds of companies in North Dakota pledged on Wednesday to cut the amount of natural gas that is burned off at oil wells.

The North Dakota Industrial Commission, which regulates and promotes the state’s oil industry, is expected to enforce new restrictions on flaring to a level more in line with other energy states including Texas.

The state has benefited from a surge in crude-oil production from hydraulic fracturing and horizontal drilling, but much of the natural gas produced alongside oil as a byproduct has been burned off at thousands of wells. That is because the gas can’t be captured or shipped because of inadequate pipeline and gas-processing infrastructure.

The North Dakota Industrial Commission, which regulates and promotes the state’s oil industry, said that will have to change. As of Sept. 30, oil producers will be required to abide by production allowances that limit flaring at new and existing wells. It follows an order last month requiring gas-capture plans for all new drilling permits.
FlareControl System Overview

U.S. Flare Management is a technology integration company that provides customized, modular, mobile, outsourced, and economical solutions.

• We select and deploy the best available technologies for the individual wellhead operator.

We bring capital and provide a link that doesn’t currently exist between strategic supplier/partners and specialized financing.

• Individual private investors, venture capital and private equity, bank loans, equipment leasing, strategic industry investment, federal and state programs.

• Relationships with DOE, DOI, EPA, Congress and other agencies because of our innovative and immediate solutions.

Turnkey outsourced service program designed to meet individual producer goals.
Unique Approach

FlareControl System

Developer
• Consultation
• Acquisition
• Operations

Manufacturers
• Best in class
• Support team

Financing
• Banks
• Leasing

Field Operations
• Safety
• Service

Project Management
• Engineering
• Permitting
U.S. Flare Management offers

. . . practical and economical ways to:

• Save this valuable resource
• Reduce environmental pollution
• Produce very valuable products
• All, at no cost to the operator or E&P
Natural Gas Liquids

Portable NGL harvesting...self contained
Mobile conversion of methane into LNG

We deploy to produce the result our customer wants. In the case of oil field fuels, the choice is LNG when its price is less than diesel. We can also deliver CNG
Bi-Fuel® Systems
Environmental Impact

- A single well flare emits 4,380 tons of CO2/year
- Each flare eliminated is the equivalent of removing 800 cars from the road.
- One FlareControl System converts that gas to useful products. The total system costs less than 100 days of oil production on wells that will last 30 or 40 years.
Same Waste & Pollution – Different Sources

US BIOGAS
A Cleaner Path With Renewable Natural Gas

US BIOGAS — Confidential
No-Cost Option to Eliminate Stationary Flares

• Although the Methane is the same, the sources are different
• And Landfill and WWTP gas contaminants are also different
• First, we study your site at no cost to your entity
• US Biogas will tailor our response to your flare constituents
• If you accept our proposal, we can be installed and producing in six months
• We will install cleaning and transport equipment tailored to solve problems for the gas source and the cleaned gas buyer. . . both are our clients.
• We will install an RNG fueling station for service vehicles and trash trucks
• We will not respond to RFP’s