

COMPANY NAME	TANK BATTERY NAME	TYPE OF FACILITY	FLARING DISCOVERY DATE	FLARING DISCOVERY TIME	FLARING STOP DATE	FLARING STOP TIME	GAS FLARED (MCF)	H2S %	CO2 %	N2 %	Methane %	Ethane %	Propane %	i-Butane %	n-Butane %	i-Pentane %	n-Pentane %	n-Hexane (C6+) %
MATADOR PRODUCTION COMPANY	Boros East	Well Production Facility	06-03-2021	6:00am	06-06-2021	5:00pm	1975	0	0.132	0.664	78.968	11.031	4.777	0.77	1.552	0.432	0.473	1.201

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District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 31722

QUESTIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 31722
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Determination of Reporting Requirements	
<i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i>	
Was or is this venting or flaring caused by an emergency or malfunction	Yes
Did or will this venting or flaring last eight hours or more cumulatively within any 24-hour period from a single event	Yes
Is this considered a submission for a notification of a major venting or flaring	Yes, major venting or flaring of natural gas.
The operator shall file a form C-141 instead of a form C-129 for a release that includes liquid during venting or flaring that is or may be a major or minor release under 19-1-29, NMAC.	
Was there or will there be at least 50 MCF of natural gas vented or flared during this event	Yes
Did this venting or flaring result in the release of ANY liquids (not fully and/or completely flared) that reached (or has a chance of reaching) the ground, a surface, a watercourse, or otherwise, with reasonable probability, endanger public health, the environment or fresh water	No

Unregistered Facility Site	
<i>Please provide the facility details, if the venting or flaring occurred or is occurring at a facility that does not have an Facility ID (##) yet.</i>	
Facility or Site Name	Boros East Production Facility
Facility Type	Tank Battery - (TB)

Equipment Involved	
Primary Equipment Involved	Production Tank
Additional details for Equipment Involved. Please specify	We ultimately determined that we had oxygen that had entered the tank.

Representative Compositional Analysis of Vented or Flared Natural Gas	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	79
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	0
Oxygen (O2) percentage, if greater than one percent	0
If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.	
Methane (CH4) percentage quality requirement	Not answered.
Nitrogen (N2) percentage quality requirement	Not answered.
Hydrogen Sulfide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (CO2) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

Date(s) and Time(s)	
Date venting or flaring was discovered or commenced	06/03/2021
Time venting or flaring was discovered or commenced	06:00 AM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	06/06/2021
Time venting or flaring was terminated	05:00 PM
Total duration of venting or flaring in hours, if venting or flaring has terminated	83
Longest duration of cumulative hours within any 24-hour period during this event	24

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Equipment Failure Production Tank Natural Gas Flared Spilled: 1,975 Mcf Recovered: 0 Mcf Lost: 1,975 Mcf]
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	1975 MCF flared; no liquids spilled
Is this a gas only submission (i.e. only Mcf values reported)	Yes, according to supplied volumes this appears to be a "gas only" report.

Venting or Flaring Resulting from Downstream Activity	
Was or is this venting or flaring a result of downstream activity	No
Date notified of downstream activity requiring this venting or flaring	Not answered.
Time notified of downstream activity requiring this venting or flaring	Not answered.

Steps and Actions to Prevent Waste	
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For this event, the operator could not have reasonably anticipated the current event and it was beyond the operator's control.	True
Please explain reason for why this event was beyond your operator's control	We had oxygen unexpectedly enter the tank despite proper facility designs.
Steps taken to limit the duration and magnitude of venting or flaring	The flaring was from vapors coming off the oil tanks. We took a number of steps during this incident, including dropping the oil level to hopefully reduce the flaring volume. We also FLIR'd the facility to ensure no leaks. We also checked and recalibrated the O2 sensors. We ultimately purged the tanks from the bottom to eliminate any oxygen in the tanks.
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	The flaring was from vapors coming off the oil tanks. We took a number of steps during this incident, including dropping the oil level to hopefully reduce the flaring volume. We also FLIR'd the facility to ensure no leaks. We also checked and recalibrated the O2 sensors. We ultimately purged the tanks from the bottom to eliminate any oxygen in the tanks. We believe the issue is now resolved.

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CONDITIONS
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	Action Number: 31722
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
system	If the information provided in this report requires an amendment, submit a [C-129] Request to Amend Venting and/or Flaring Incident, utilizing your incident number from this event.	6/14/2021