

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	SST- South	Well Production Facility	05-27-2021	10:30 AM	05-27-2021	6:11 hrs.	120	0.004	0.273	1.951	79.907	11.252	4.4	0.478	1.001	0.21	0.192	0.332

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

QUESTIONS

Action 31153

**QUESTIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 31153
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

<b>Determination of Reporting Requirements</b>	
<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	No
Is this considered a submission for a notification of a major venting or flaring	Yes, minor venting or flaring of natural gas.
<b>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 19-1-297 NMAC.</b>	
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

<b>Unregistered Facility Site</b>	
<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 (F#) yet.</i>	
Facility or Site Name	SST South Production Facility
Facility Type	Tank Battery - (TB)

<b>Equipment Involved</b>	
Primary Equipment Involved	Production Tank
Additional details for Equipment Involved. Please specify	The SST North & SST South tank batteries historically have sold to a mid-pressure (>500 psi) gathering system. This higher pressure line coupled with on pad compressor issues have historically led to higher flaring than desired. To reduce flaring, Matador elected to pay a higher gathering price to produce into a low pressure system (<100 psi) that was expected to have sufficient capacity for all SST North & SST South gas production. Both locations were shut down to make the connection to the new gatherer. As the wells were turned back online, the low pressure gather could not immediately accept all of Matador's volumes as expected, which led to this flaring event. The low pressure gather made adjustments to their receipt meter and adjusted the pressure settings along their system to allow more flow. During this adjustment period, Matador shut in two wells to limit the gas flow and reduce flaring. This flaring occurred as system adjustments were being made. We have two other flaring C129s we will be filing today regarding this same issue.

<b>Representative Compositional Analysis of Vented or Flared Natural Gas</b>	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	80
Nitrogen (N2) percentage, if greater than one percent	2
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
<b>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</b>	
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.

<b>Date(s) and Time(s)</b>	
Date venting or flaring was discovered or commenced	05/27/2021
Time venting or flaring was discovered or commenced	10:30 AM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	05/27/2021
Time venting or flaring was terminated	06:11 PM
Total duration of venting or flaring in hours, if venting or flaring has terminated	7
Longest duration of cumulative hours within any 24-hour period during this event	7

<b>Measured or Estimated Volume of Vented or Flared Natural Gas</b>	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Other   Production Tank   Natural Gas Flared   Spilled: 120 Mcf   Recovered: 0 Mcf   Lost: 120 Mcf ]
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	The SST North & SST South tank batteries historically have sold to a mid-pressure (>500 psi) gathering system. This higher pressure line coupled with on pad compressor issues have historically led to higher flaring than desired. To reduce flaring, Matador elected to pay a higher gathering price to

produce into a low pressure system (<100 psi) that was expected to have sufficient capacity for all SST North & SST South gas production. Both locations were shut down to make the connection to the new gatherer. As the wells were turned back online, the low pressure gather could not immediately accept all of Matador's volumes as expected, which led to this flaring event. The low pressure gather made adjustments to their receipt meter and adjusted the pressure settings along their system to allow more flow. During this adjustment period, Matador shut in two wells to limit the gas flow and reduce flaring. This flaring occurred as system adjustments were being made. We have two other flaring C129s we will be filing today regarding this same issue. 120 MCF flared; no liquids spilled. Approximate time we discovered the issue listed below.

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	Yes
Date notified of downstream activity requiring this venting or flaring	05/27/2021
Time notified of downstream activity requiring this venting or flaring	12:00 PM

**Steps and Actions to Prevent Waste**

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 understood from the gatherer they had capacity to take all of our gas.
Steps taken to limit the duration and magnitude of venting or flaring	During the course of making the system adjustments for the three flaring events we are filing related to this same issue, Matador shut in two wells to attempt to meet the volumes the gatherer could take while working out the issue.
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	We believe the issue is resolved.

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CONDITIONS

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Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 31153
	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.	6/9/2021