

| COMPANY NAME               | TANK BATTERY NAME: | FLARING DISCOVERY DATE: | FLARING DISCOVERY TIME: | FLARING STOP DATE: | FLARING STOP TIME: | GAS FLARED (MCF): | H2S<br>% | CO2<br>% | N2<br>% | Methane<br>% | Ethane<br>% | Propane<br>% | i-Butane<br>% | n-Butane<br>% | i-Pentane<br>% | n-Pentane<br>% | n-Hexane (C6+)<br>% |
|----------------------------|--------------------|-------------------------|-------------------------|--------------------|--------------------|-------------------|----------|----------|---------|--------------|-------------|--------------|---------------|---------------|----------------|----------------|---------------------|
| MATADOR PRODUCTION COMPANY | Miss Sue           | 8/1/2021                | 9:07 AM                 | 8/2/2021           | 6:00 AM            | 69                | 0        | 0.047    | 1.057   | 76.311       | 11.987      | 6.165        | 0.807         | 1.918         | 0.412          | 0.469          | 0.827               |

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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  
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**District III**

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**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 40414

**QUESTIONS**

|                                                                                   |                                                        |
|-----------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>MATADOR PRODUCTION COMPANY<br>One Lincoln Centre<br>Dallas, TX 75240 | OGRID:<br>228937                                       |
|                                                                                   | Action Number:<br>40414                                |
|                                                                                   | Action Type:<br>[C-129] Venting and/or Flaring (C-129) |

**QUESTIONS****Determination of Reporting Requirements**

Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.

|                                                                                                                                                                                                                                                                                          |                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| 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, minor 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 19.13.29.7 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**

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.

|                       |                              |
|-----------------------|------------------------------|
| Facility or Site Name | Miss Sue Production Facility |
| Facility Type         | Tank Battery - (TB)          |

**Equipment Involved**

|                                                           |                                                                         |
|-----------------------------------------------------------|-------------------------------------------------------------------------|
| Primary Equipment Involved                                | Production Tank                                                         |
| Additional details for Equipment Involved. Please specify | O2 present in production tanks due to maintenance and repairs on tanks. |

**Representative Compositional Analysis of Vented or Flared Natural Gas**

Please provide the mole percent for the percentage questions in this group.

|                                                                                                                               |               |
|-------------------------------------------------------------------------------------------------------------------------------|---------------|
| Methane (CH4) percentage                                                                                                      | 76            |
| 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                                 | 08/01/2021 |
| Time venting or flaring was discovered or commenced                                 | 09:07 AM   |
| Is the venting or flaring event complete                                            | Yes        |
| Date venting or flaring was terminated                                              | 08/02/2021 |
| Time venting or flaring was terminated                                              | 06:00 AM   |
| Total duration of venting or flaring in hours, if venting or flaring has terminated | 21         |
| Longest duration of cumulative hours within any 24-hour period during this event    | 21         |

**Measured or Estimated Volume of Vented or Flared Natural Gas**

|                                                                        |                                                                                                                                                     |
|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Natural Gas Vented (Mcf) Details                                       | Not answered.                                                                                                                                       |
| Natural Gas Flared (Mcf) Details                                       | Cause: Other   Other (Specify)   Natural Gas Flared   Spilled: 69 Mcf   Recovered: 0 Mcf   Lost: 69 Mcf ]                                           |
| Other Released Details                                                 | Not answered.                                                                                                                                       |
| Additional details for Measured or Estimated Volume(s). Please specify | O2 present in production tanks. We flared gas until oxygen was purged and we were able to reconnect gas to sales. Flared 69 MCF ; no liquid 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**

|                                                                                                                                |                                                                                                                                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                    | Unanticipated issue with O2 present in tanks, which was beyond our control. We believe O2 became present in tanks during performance of tank maintenance and repairs. Flared gas until oxygen purged from tanks and we were able to reconnect gas to sales. |
| Steps taken to limit the duration and magnitude of venting or flaring                                                          | Purged O2 from tanks.                                                                                                                                                                                                                                       |
| Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring                                         | Continue routine inspections and maintenance of facilities.                                                                                                                                                                                                 |

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CONDITIONS

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|                                                                                   |                                                        |
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|                                                                                   | Action Number:<br>40414                                |
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**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. | 8/12/2021      |