



**Jessica Zemen**

Environmental/Regulatory Specialist- New Mexico

Volume for Emission Event:

**Time of Discovery**

6/12/2025 10:34 AM

**Event Start Date**

6/08/2025 12:00 AM

**Event End Time**

6/08/2025 11:59 PM

**Event Duration Actual (Hours)**

24 Hours

**Gas volume Event (MSCF)**

435.14

**Jessica Zemen**

Environmental/Regulatory Specialist- New Mexico

Chevron Shale & Tight Business (S&TB)

6301 Deauville Blvd. Midland, TX 79706

Tel: (432) 530-9187

jessiczemen@chevron.com

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**Gas Analysis for Emission Event:****Sample Description**

Sales Gas

**Low Heating Value (btu per scf)**

1647

**Hydrogen Sulfide (H<sub>2</sub>S) mol%**

0.0011

**Nitrogen (N<sub>2</sub>) mol%**

0.5174776436

**Carbon Dioxide (CO<sub>2</sub>) mol%**

5.770350698

**Methane (CH<sub>4</sub>) mol%**

24.9924024

**Ethane (C<sub>2</sub>H<sub>6</sub>) mol%**

16.78778813

**Propane (C<sub>3</sub>H<sub>8</sub>) mol%**

17.84333659

**iso-Butane (C<sub>4</sub>H<sub>10</sub>) mol%**

3.682737704

**N-Butane (C<sub>4</sub>H<sub>10</sub>) mol%**

10.54329138

**iso-Pentane (C<sub>5</sub>H<sub>12</sub>) mol%**

4.559840781

**n-Pentane (C<sub>5</sub>H<sub>12</sub>) mol%**

6.013770595

**Hexanes (C<sub>6</sub>H<sub>14</sub>) mol%**

0.333

**Heptanes + (C<sub>7</sub>H<sub>16</sub>) mol%**

0

**2,2,4-Trimethylpentane (C<sub>8</sub>H<sub>18</sub>) mol%**

0

**n-Hexane (C<sub>6</sub>H<sub>14</sub>) mol%**

2.866488958

**Benzene (C<sub>6</sub>H<sub>6</sub>) mol%**

0.8526152154

**Ethyl-Benzene (C<sub>8</sub>H<sub>10</sub>) mol%**

0.0171

**Xylene (C<sub>8</sub>H<sub>10</sub>) mol%**

0.0514

**Toluene (C<sub>7</sub>H<sub>8</sub>) mol%**

0.3987335201

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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

DEFINITIONS

Action 498599

DEFINITIONS

|                                                                                |                                                                   |
|--------------------------------------------------------------------------------|-------------------------------------------------------------------|
| Operator:<br><br>CHEVRON U S A INC<br>6301 Deauville Blvd<br>Midland, TX 79706 | OGRID:<br><br>4323                                                |
|                                                                                | Action Number:<br><br>498599                                      |
|                                                                                | Action Type:<br><br>[C-129] Amend Venting and/or Flaring (C-129A) |

DEFINITIONS

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application:</p> <ul style="list-style-type: none"><li>• this application's operator, hereinafter "this operator";</li><li>• venting and/or flaring, hereinafter "vent or flare";</li><li>• any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";</li><li>• the statements in (and/or attached to) this, hereinafter "the statements in this";</li><li>• and the past tense will be used in lieu of mixed past/present tense questions and statements.</li></ul> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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QUESTIONS

Action 498599

**QUESTIONS**

|                                                                            |                                                               |
|----------------------------------------------------------------------------|---------------------------------------------------------------|
| Operator:<br>CHEVRON U S A INC<br>6301 Deauville Blvd<br>Midland, TX 79706 | OGRID:<br>4323                                                |
|                                                                            | Action Number:<br>498599                                      |
|                                                                            | Action Type:<br>[C-129] Amend Venting and/or Flaring (C-129A) |

**QUESTIONS**

|                                                                                                                                                                                                          |                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| <b>Prerequisites</b>                                                                                                                                                                                     |                                            |
| <i>Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.</i>                                |                                            |
| Incident ID (n#)                                                                                                                                                                                         | Unavailable.                               |
| Incident Name                                                                                                                                                                                            | Unavailable.                               |
| Incident Type                                                                                                                                                                                            | Vent                                       |
| Incident Status                                                                                                                                                                                          | Unavailable.                               |
| Incident Facility                                                                                                                                                                                        | [fAPP2131334794] Salado Draw 19 CTB and CS |
| <i>Only valid Vent, Flare or Vent with Flaring incidents (selected above in the Application Details section) that are assigned to your current operator can be amended with this C-129A application.</i> |                                            |

|                                                                                                                                                                                                                                                                                            |                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| <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 this vent or flare caused by an emergency or malfunction                                                                                                                                                                                                                               | Yes                                               |
| Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event                                                                                                                                                                                 | Yes                                               |
| Is this considered a submission for a vent or flare event                                                                                                                                                                                                                                  | Yes, minor venting and/or flaring of natural gas. |
| <i>An operator shall file a form C-141 instead of a form C-129 for a release that, includes liquid during venting and/or flaring that is or may be a major or minor release under 19.15.29.7 NMAC.</i>                                                                                     |                                                   |
| Was there <b>at least 50 MCF</b> of natural gas vented and/or flared during this event                                                                                                                                                                                                     | Yes                                               |
| Did this vent or flare result in the release of <b>ANY</b> 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                                                |
| Was the vent or flare within an incorporated municipal boundary or within 300 feet from an occupied permanent residence, school, hospital, institution or church in existence                                                                                                              | No                                                |

|                                                           |               |
|-----------------------------------------------------------|---------------|
| <b>Equipment Involved</b>                                 |               |
| Primary Equipment Involved                                | Not answered. |
| Additional details for Equipment Involved. Please specify | Not answered. |

|                                                                                                                                      |    |
|--------------------------------------------------------------------------------------------------------------------------------------|----|
| <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                                                                                                             | 25 |
| Nitrogen (N2) percentage, if greater than one percent                                                                                | 1  |
| Hydrogen Sulfide (H2S) PPM, rounded up                                                                                               | 10 |
| Carbon Dioxide (CO2) percentage, if greater than one percent                                                                         | 6  |
| Oxygen (O2) percentage, if greater than one percent                                                                                  | 0  |
| <i>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</i> |    |
| Methane (CH4) percentage quality requirement                                                                                         | 0  |
| Nitrogen (N2) percentage quality requirement                                                                                         | 0  |
| Hydrogen Sulfide (H2S) PPM quality requirement                                                                                       | 0  |
| Carbon Dioxide (CO2) percentage quality requirement                                                                                  | 0  |
| Oxygen (O2) percentage quality requirement                                                                                           | 0  |

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QUESTIONS, Page 2

Action 498599

**QUESTIONS (continued)**

|                                                                            |                                                               |
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|                                                                            | Action Number:<br>498599                                      |
|                                                                            | Action Type:<br>[C-129] Amend Venting and/or Flaring (C-129A) |

**QUESTIONS**

| Date(s) and Time(s)                            |            |
|------------------------------------------------|------------|
| Date vent or flare was discovered or commenced | 06/08/2025 |
| Time vent or flare was discovered or commenced | 12:00 AM   |
| Time vent or flare was terminated              | 11:59 PM   |
| Cumulative hours during this event             | 24         |

| Measured or Estimated Volume of Vented or Flared Natural Gas              |                                                                                                               |
|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Natural Gas Vented (Mcf) Details                                          | Cause: Equipment Failure   Valve   Natural Gas Vented   Released: 435 Mcf   Recovered: 0 Mcf   Lost: 435 Mcf. |
| Natural Gas Flared (Mcf) Details                                          | Not answered.                                                                                                 |
| Other Released Details                                                    | Not answered.                                                                                                 |
| Additional details for Measured or Estimated Volume(s). Please specify    | Not answered.                                                                                                 |
| Is this a gas only submission (i.e. only significant Mcf values reported) | Yes, according to supplied volumes this appears to be a "gas only" report.                                    |

| Venting or Flaring Resulting from Downstream Activity             |               |
|-------------------------------------------------------------------|---------------|
| Was this vent or flare a result of downstream activity            | No            |
| Was notification of downstream activity received by this operator | No            |
| Downstream OGRID that should have notified this operator          | 0             |
| Date notified of downstream activity requiring this vent or flare |               |
| Time notified of downstream activity requiring this vent or flare | Not answered. |

| Steps and Actions to Prevent Waste                                                                                              |                                                                                                                                                                                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| For this event, this operator could not have reasonably anticipated the current event and it was beyond this operator's control | True                                                                                                                                                                                                                                                                               |
| Please explain reason for why this event was beyond this operator's control                                                     | An internal flyover detected an emission event at the facility. Chevron was notified of the event on 6/11/2025. Upon notification, LDAR was dispatched to the facility to investigate. Upon investigation it was determined that the compressor blowdown line had a leaking valve. |
| Steps taken to limit the duration and magnitude of vent or flare                                                                | Upon discovery of the leaking valve, operations shut down the facility and dispatched mechanics to the facility to make necessary repairs.                                                                                                                                         |
| Corrective actions taken to eliminate the cause and reoccurrence of vent or flare                                               | The facility was shut in to end the event and the failed valve was repaired to prevent future occurrences. This facility has been prioritized for the installation of emission event detection equipment installation.                                                             |



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ACKNOWLEDGMENTS

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|                                                                            | Action Type:<br>[C-129] Amend Venting and/or Flaring (C-129A) |

**ACKNOWLEDGMENTS**

|                                     |                                                                                                                                                                                                                                                                                                     |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | I acknowledge that with this application I will be amending an existing incident file (assigned to this operator) for a vent or flare event, pursuant to 19.15.27 and 19.15.28 NMAC.                                                                                                                |
| <input checked="" type="checkbox"/> | I acknowledge that amending an incident file does not replace original submitted application(s) or information and understand that any C-129 forms submitted to the OCD will be logged and stored as public record.                                                                                 |
| <input checked="" type="checkbox"/> | I hereby certify the statements in this amending report are true and correct to the best of my knowledge and acknowledge that any false statement may be subject to civil and criminal penalties under the Oil and Gas Act.                                                                         |
| <input checked="" type="checkbox"/> | I acknowledge that the acceptance of any C-129 forms by the OCD does not relieve this operator of liability should their operations have failed to adequately investigate, report, and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment. |
| <input checked="" type="checkbox"/> | I acknowledge that OCD acceptance of any C-129 forms does not relieve this operator of responsibility for compliance with any other applicable federal, state, or local laws and/or regulations.                                                                                                    |

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CONDITIONS

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CONDITIONS

|                                                                                |                                                                   |
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CONDITIONS

| Created By | Condition                                                                                                                                                                                  | Condition Date |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| jzemen     | If the information provided in this report requires further amendment(s), submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event. | 8/22/2025      |