



Jessica Zemen  
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#### Volume for Emission Event:

| Date Recorded from DCS | Time flaring info was recorded from DCS2 | Start Date | EE Start Time | End Date  | EE End Time | Duration (min) | Duration (hour) | Gas stream sent to flare | "Today's Total" Totalizer Volume at Start of Event (MMCF) | "Today's Total" Totalizer at End of Event (MMCF) | Volume to Flare (SCF) |
|------------------------|------------------------------------------|------------|---------------|-----------|-------------|----------------|-----------------|--------------------------|-----------------------------------------------------------|--------------------------------------------------|-----------------------|
| 8/20/2021              | 10:00:00                                 | 8/19/2021  | 15:39:31      | 8/20/2021 | 8:43:38     | 1024.12        | 17.07           | PRC to 2nd Stage         | 0.2636                                                    | 1.6951                                           | 1,431,500             |

#### Gas Analysis for Emission Event:

|                     |                             |                  |
|---------------------|-----------------------------|------------------|
| <b>General Info</b> | Enter Another Gas Analysis? | Yes              |
|                     | Sample ID #                 | 2                |
|                     | Sample Date                 | 10/23/2018       |
|                     | Sample Description          | PRC to 2nd Stage |
|                     | Low Heating Value (BTU/SCF) | 104              |
| <b>Gas Comp.</b>    | H2S (mol%)                  | 0.416            |
|                     | CO2 (mol%)                  | 89.558           |
|                     | Nitrogen (mol%)             | 2.066            |
|                     | Methane (mol%)              | 5.147            |
|                     | Ethane (mol%)               | 2.715            |
|                     | Propane (mol%)              | 0.0700           |
|                     | Iso-Butane (mol%)           | 0.0000           |
|                     | N-Butane (mol%)             | 0.0000           |
|                     | iso-Pentane (mol%)          | 0.0000           |
|                     | n-Pentane (mol%)            | 0.0000           |
|                     | Hexanes + (mol%)            | 0.0280           |
|                     | VOC Weight Percent          | 0.13             |

**District I**

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**District II**

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**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 46416

**QUESTIONS**

|                                                                            |                                                        |
|----------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>CHEVRON U S A INC<br>6301 Deauville Blvd<br>Midland, TX 79706 | OGRID:<br>4323                                         |
|                                                                            | Action Number:<br>46416                                |
|                                                                            | Action Type:<br>[C-129] Venting and/or Flaring (C-129) |

**QUESTIONS****Prerequisites**

Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.

|                   |                                   |
|-------------------|-----------------------------------|
| Incident Well     | Not answered.                     |
| Incident Facility | [fAB1915752581] BUCKEYE CO2 PLANT |

**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 and/or flaring caused by an emergency or malfunction                                                                                                                                                                                                                  | No                                                |
| Did or will this venting and/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 and/or flaring                                                                                                                                                                                                         | Yes, major venting and/or flaring of natural gas. |
| 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.                                                                                              |                                                   |
| Was there or will there be at least 50 MCF of natural gas vented and/or flared during this event                                                                                                                                                                                             | Yes                                               |
| Did this venting and/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                                                |
| Was the venting and/or flaring within an incorporated municipal boundary or withing 300 feet from an occupied permanent residence, school, hospital, institution or church in existence                                                                                                      | No                                                |

**Equipment Involved**

|                                                           |               |
|-----------------------------------------------------------|---------------|
| Primary Equipment Involved                                | Not answered. |
| Additional details for Equipment Involved. Please specify | Not answered. |

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

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

|                                                              |       |
|--------------------------------------------------------------|-------|
| Methane (CH4) percentage                                     | 5     |
| Nitrogen (N2) percentage, if greater than one percent        | 2     |
| Hydrogen Sulfide (H2S) PPM, rounded up                       | 4,160 |
| Carbon Dioxide (CO2) percentage, if greater than one percent | 90    |
| 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 and/or flaring was discovered or commenced | 08/19/2021 |
| Time venting and/or flaring was discovered or commenced | 03:39 PM   |
| Time venting and/or flaring was terminated              | 11:59 PM   |
| Cumulative hours during this event                      | 17         |

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

|                                  |               |
|----------------------------------|---------------|
| Natural Gas Vented (Mcf) Details | Not answered. |
|----------------------------------|---------------|

|                                                                           |                                                                                                                           |
|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Natural Gas Flared (Mcf) Details                                          | Cause: Repair and Maintenance   Gas Plant   Natural Gas Flared   Released: 1,432 Mcf   Recovered: 0 Mcf   Lost: 1,432 Mcf |
| 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 or is this venting and/or flaring a result of downstream activity      | Not answered. |
| Date notified of downstream activity requiring this venting and/or flaring | Not answered. |
| Time notified of downstream activity requiring this venting and/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                                                    | A planed blowdown to complete preventative maintenance on the PRC Tower system as part of the turnaround.                                                                                                    |
| Steps taken to limit the duration and magnitude of venting and/or flaring                                                      | Chevron field personnel executed practicable measures to minimize emissions. The team increased the blower speed and fuel gas to limit the duration.                                                         |
| Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring                                     | Chevron field personnel executed practicable measures to minimize emissions. The system was blown down to ensure the safety of the crew working onsite. The emissions were permitted and authorized by NMED. |

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CONDITIONS  
  
Action 46416

CONDITIONS

|                                                                            |                                                        |
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CONDITIONS

| Created By | Condition                                                                                                                                                                          | Condition Date |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| jzemen     | If the information provided in this report requires an amendment, submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event. | 9/3/2021       |