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### Volume for Emission Event:

| 3. Time of Event  |                                           |                                             |                                                |                                              |                                                             |                            | 1. Vented or Flared? | 2. Calculating Volumetric Release Rate for VRU Releases Incapable of Estimation |                                         |                              |                                          | 3. Gaseous Volumetric Release Rate (scfh or scf/event) |            |
|-------------------|-------------------------------------------|---------------------------------------------|------------------------------------------------|----------------------------------------------|-------------------------------------------------------------|----------------------------|----------------------|---------------------------------------------------------------------------------|-----------------------------------------|------------------------------|------------------------------------------|--------------------------------------------------------|------------|
| Date of discovery | Time of Discovery or Schedule Activity St | Date of start of event or Schedule Activity | Time of Start of event or Schedule Activity St | Date of end of event or Schedule Activity St | Time of est. or actual end of event or Schedule Activity St | Duration of Event in Hours | Vent or Flare        | Is Volume Metered, Estimated or Otherwise Known?                                | Daily Production (barrels of oil / day) | Site-specific GOR Available? | Site-specific GOR (scf gas / barrel oil) | Value                                                  | Units      |
| 6/22/2021         | 13:00:00                                  | 6/22/2021                                   | 13:00:00                                       | 6/22/2021                                    | 15:00:00                                                    | 2.00                       | Flare                |                                                                                 |                                         |                              |                                          | 700                                                    | mscf/event |

### Gas Analysis for Emission Event:

| I. Gas Sample Selection        |  | Is a gas analysis for this release of gas available? |           |
|--------------------------------|--|------------------------------------------------------|-----------|
|                                |  | Sample ID #                                          | 59652     |
|                                |  | Sample Date                                          | 5/20/2021 |
|                                |  | Sample Description                                   |           |
|                                |  | Low Heating Value (BTU/SCF)                          | 568       |
|                                |  | H <sub>2</sub> S (mol%) <sup>191</sup>               | 1.800     |
|                                |  | Nitrogen (mol%)                                      | 1.878     |
|                                |  | CO <sub>2</sub> (mol%)                               | 67.553    |
|                                |  | Methane (mol%)                                       | 13.371    |
|                                |  | Ethane (mol%)                                        | 5.871     |
|                                |  | Propane (mol%)                                       | 3.975     |
|                                |  | Iso-Butane (mol%)                                    | 0.566     |
|                                |  | n-Butane (mol%)                                      | 1.733     |
|                                |  | iso-Pentane (mol%)                                   | 0.653     |
|                                |  | n-Pentane (mol%)                                     | 0.791     |
|                                |  | Hexanes (mol%)                                       | 1.809     |
|                                |  | Heptanes + (mol%)                                    |           |
|                                |  | 2,2,4-trimethylpentane (mol%)                        |           |
|                                |  | n-Hexane (mol%)                                      |           |
|                                |  | Benzene (mol%)                                       |           |
|                                |  | Ethyl-Benzene (mol%)                                 |           |
|                                |  | Xylene (mol%)                                        |           |
|                                |  | Toluene (mol%)                                       |           |
| II. Gas Sample Characteristics |  |                                                      |           |

**District I**

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**District II**

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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 34877

**QUESTIONS**

|           |                                                               |                |                                        |
|-----------|---------------------------------------------------------------|----------------|----------------------------------------|
| Operator: | CHEVRON U S A INC<br>6301 Deauville Blvd<br>Midland, TX 79706 | OGRID:         | 4323                                   |
|           |                                                               | Action Number: | 34877                                  |
|           |                                                               | Action Type:   | [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                                                                                                                                                                  | No                                            |
| Is this considered a submission for a notification of a major venting or flaring                                                                                                                                                                                                         | Yes, major 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 19.13.29.7 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                                            |

**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 | Vacuum Glorietta W. Unit |
| Facility Type         | Not answered.            |

**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                                                                                                             | 13            |
| Nitrogen (N2) percentage, if greater than one percent                                                                                | 2             |
| Hydrogen Sulfide (H2S) PPM, rounded up                                                                                               | 18,000        |
| Carbon Dioxide (CO2) percentage, if greater than one percent                                                                         | 68            |
| 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. |

**Date(s) and Time(s)**

|                                                                                     |            |
|-------------------------------------------------------------------------------------|------------|
| Date venting or flaring was discovered or commenced                                 | 06/22/2021 |
| Time venting or flaring was discovered or commenced                                 | 01:00 PM   |
| Is the venting or flaring event complete                                            | Yes        |
| Date venting or flaring was terminated                                              | 06/22/2021 |
| Time venting or flaring was terminated                                              | 03:00 PM   |
| Total duration of venting or flaring in hours, if venting or flaring has terminated | 2          |
| Longest duration of cumulative hours within any 24-hour period during this event    | 2          |

**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   Gas Compressor Station   Natural Gas Flared   Spilled: 700 Mcf   Recovered: 0 Mcf   Lost: 700 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 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      | Not answered. |
| 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                                                    | The electrical company lost power to the area, which resulted in the gas plant and field losing power.                              |
| Steps taken to limit the duration and magnitude of venting or flaring                                                          | Chevron field personnel executed practicable measures to minimize emissions. The production team was notified to shut-in the wells. |
| Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring                                         | Chevron field personnel executed practicable measures to minimize emissions.                                                        |

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CONDITIONS  
  
Action 34877

CONDITIONS

|                                                                            |                                                        |
|----------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>CHEVRON U S A INC<br>6301 Deauville Blvd<br>Midland, TX 79706 | OGRID:<br>4323                                         |
|                                                                            | Action Number:<br>34877                                |
|                                                                            | Action Type:<br>[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. | 7/5/2021       |