

Name: 631237

Palmillo 21

58 of 65

| General               | Value          | Last Modified  | User        | Comment |
|-----------------------|----------------|----------------|-------------|---------|
| Contract hour         | 5.00           | 10/15/20 12:40 | DMS\CygNet2 |         |
| Log period (mins)     | 60             |                |             |         |
| Meter type            | Orifice        |                |             |         |
| Base temp (F)         | 60             |                |             |         |
| Base pressure(psi)    | 14.65          |                |             |         |
| Primary calc method   | AGA3-13        | 10/11/19 9:46  | DMS\cygnet  |         |
| FPV calc method       | AGA 8 - Detail |                |             |         |
| SP tap location       | Upstream       |                |             |         |
| DP tap type           | Flange         |                |             |         |
| Pipe diameter(in)     | 6.065          |                |             |         |
| Tube material         | Unspecified    |                |             |         |
| Orifice bore size(in) | 4.25           | 9/26/19 13:05  | DMS\cygnet  |         |
| Orifice ref temp(F)   | 68             |                |             |         |
| SP sensor type        | Absolute       |                |             |         |
| Viscosity (cp)        | 0.010268       |                |             |         |
| Isentropic exp        | 1.3            |                |             |         |
| Name                  | 631237         |                |             |         |
| Description           | Palmillo 21    |                |             |         |

| Gas Composition        | Value  | Last Modified | User        | Comment |
|------------------------|--------|---------------|-------------|---------|
| Heating value (BTU/CF) | 1240   | 3/1/21 5:00   | DMS\CygNet2 |         |
| Specific gravity       | 0.7371 | 3/1/21 5:00   | DMS\CygNet2 |         |
| Nitrogen (%)           | 1.476  | 3/1/21 5:00   | DMS\CygNet2 |         |
| Carbon dioxide (%)     | 0.342  | 3/1/21 5:00   | DMS\CygNet2 |         |
| Hydrogen sulfide (%)   | 0      |               |             |         |
| Water (%)              | 0      |               |             |         |
| Methane (%)            | 77.708 | 3/1/21 5:00   | DMS\CygNet2 |         |
| Ethane (%)             | 11.496 | 3/1/21 5:00   | DMS\CygNet2 |         |
| Propane (%)            | 5.177  | 3/1/21 5:00   | DMS\CygNet2 |         |
| Isobutane (%)          | 0.697  | 3/1/21 5:00   | DMS\CygNet2 |         |
| n-Butane (%)           | 1.617  | 3/1/21 5:00   | DMS\CygNet2 |         |
| n-Pentane (%)          | 0.417  | 3/1/21 5:00   | DMS\CygNet2 |         |
| Isopentane (%)         | 0.409  | 3/1/21 5:00   | DMS\CygNet2 |         |
| neoPentane (%)         | 0      |               |             |         |
| n-Hexane (%)           | 0.661  | 3/1/21 5:00   | DMS\CygNet2 |         |
| n-Heptane (%)          | 0      |               |             |         |
| n-Octane (%)           | 0      |               |             |         |
| n-Nonane (%)           | 0      |               |             |         |
| n-Decane (%)           | 0      |               |             |         |
| Carbon monoxide (%)    | 0      |               |             |         |

Palmillo 21 8.26.2021

| Attribute Name    | Configured    |
|-------------------|------------------------------------------------------------------------------------------------|
| Site.Service      | ARTESIA.UIS                                                                                    |
| Long Point ID     | GM_NM_2004                                                                                     |
| Facility ID       | GM_NM_2004                                                                                     |
| Uniform Data Code | QGASP                                                                                          |
| Units             | <none>                                                                                         |
| Description       | Previous Day <sup>1</sup>                                                                      |
| Point Scheme      | CygNet Enhar  |

  

| Timestamp (descending) | Value  |
|------------------------|-----------------------------------------------------------------------------------------|
| 8/29/2021 00:00:00.000 | 0.000                                                                                   |
| 8/28/2021 00:00:00.000 | 0.000                                                                                   |
| 8/27/2021 00:00:00.000 | 0.000                                                                                   |
| 8/26/2021 00:00:00.000 | 62.320                                                                                  |

**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  
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  
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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 45312

**QUESTIONS**

|                                                                                 |                                                        |
|---------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>APACHE CORPORATION<br>303 Veterans Airpark Ln<br>Midland, TX 79705 | OGRID:<br>873                                          |
|                                                                                 | Action Number:<br>45312                                |
|                                                                                 | 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 | [fAPP2117658802] Palmillo 21 |

**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                                                                                                                                                                                                                  | Yes                                               |
| Did or will this venting and/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 and/or flaring                                                                                                                                                                                                         | Yes, minor 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                                                                                                      | 78            |
| 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 and/or flaring was discovered or commenced | 08/26/2021 |
| Time venting and/or flaring was discovered or commenced | 06:00 AM   |
| Time venting and/or flaring was terminated              | 06:30 AM   |
| Cumulative hours during this event                      | 0          |

**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   Released: 62 Mcf   Recovered: 0 Mcf   Lost: 62 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                                                    | Durango plant down  |
| Steps taken to limit the duration and magnitude of venting and/or flaring                                                      | lower line pressure |
| Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring                                     | lower line pressure |

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CONDITIONS

Action 45312

## CONDITIONS

|                                                                                 |                                                        |
|---------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>APACHE CORPORATION<br>303 Veterans Airpark Ln<br>Midland, TX 79705 | OGRID:<br>873                                          |
|                                                                                 | Action Number:<br>45312                                |
|                                                                                 | Action Type:<br>[C-129] Venting and/or Flaring (C-129) |

## CONDITIONS

| Created By | Condition                                                                                                                                                                          | Condition Date |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| afulton    | 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. | 8/30/2021      |