

## Mesa B 22-25 Gas Analysis

| Gas Analysis Information |         |        |
|--------------------------|---------|--------|
| Components               | Mol %   | GPM    |
| Water                    | 0.0000  |        |
| H2S                      | 0.0000  |        |
| Nitrogen                 | 0.9275  |        |
| Carbon Dioxide           | 0.1741  |        |
| Other Inerts             | 0.0000  |        |
| Methane                  | 71.7142 |        |
| Ethane                   | 13.6990 | 3.6793 |
| Propane                  | 7.3728  | 2.0399 |
| Iso Butane               | 1.0567  | 0.3473 |
| Nor Butane               | 2.5889  | 0.8197 |
| Iso Pentane              | 0.6119  | 0.2247 |
| Nor Pentane              | 0.7035  | 0.2561 |
| Hexane                   | 1.1514  | 0.5046 |
| Helium                   | 0.0000  |        |
| Totals                   | 100.00  | 7.8716 |

**Mesa B 22-25****6/16/2021****Gas Volumes are reported 1 day late**

| CHART            |                     | TABLE                        |                     |
|------------------|---------------------|------------------------------|---------------------|
| Property         | Yesterday           | <a href="#">DOWNLOAD CSV</a> | Date Range 30 days  |
| Sta...           | 05/25/2021 04:53 PM | End                          | 06/24/2021 04:53 PM |
| TimeStamp        | Yesterday (mcf)     |                              |                     |
| 6/18/21 2:37 AM  | 678                 |                              |                     |
| 6/18/21 1:37 AM  | 678                 |                              |                     |
| 6/18/21 12:37 AM | 678                 |                              |                     |
| 6/17/21 11:37 PM | 678                 |                              |                     |
| 6/17/21 10:37 PM | 678                 |                              |                     |
| 6/17/21 9:37 PM  | 678                 |                              |                     |
| 6/17/21 8:37 PM  | 678                 |                              |                     |
| 6/17/21 7:37 PM  | 678                 |                              |                     |
| 6/17/21 6:37 PM  | 678                 |                              |                     |
| 6/17/21 5:37 PM  | 678                 |                              |                     |
| 6/17/21 4:37 PM  | 678                 |                              |                     |
| 6/17/21 3:36 PM  | 678                 |                              |                     |
| 6/17/21 3:35 PM  | 17                  |                              |                     |
| 6/17/21 2:38 PM  | 17                  |                              |                     |

**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**

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 33975

**QUESTIONS**

|                                                                         |                                                        |
|-------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>BTA OIL PRODUCERS, LLC<br>104 S Pecos<br>Midland, TX 79701 | OGRID:<br>260297                                       |
|                                                                         | Action Number:<br>33975                                |
|                                                                         | 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                                                                                                                                                                                                                  | No                                            |
| 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, 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 19.13.297 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 | Mesa B 22-25 CTB   |
| Facility Type         | Flare Stack - (FS) |

**Equipment Involved**

|                                                           |               |
|-----------------------------------------------------------|---------------|
| Primary Equipment Involved                                | Gas Plant     |
| 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                                                                                                             | 72            |
| Nitrogen (N2) percentage, if greater than one percent                                                                                | 0             |
| 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             |
| <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                                 | 06/16/2021 |
| Time venting or flaring was discovered or commenced                                 | 12:00 AM   |
| Is the venting or flaring event complete                                            | No         |
| Date venting or flaring was terminated                                              | 06/16/2021 |
| Time venting or flaring was terminated                                              | 11:59 PM   |
| Total duration of venting or flaring in hours, if venting or flaring has terminated | 24         |
| Longest duration of cumulative hours within any 24-hour period during this event    | 24         |

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

|                                                                        |                                                                                                                    |
|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Natural Gas Vented (Mcf) Details                                       | Not answered.                                                                                                      |
| Natural Gas Flared (Mcf) Details                                       | Cause: High Line Pressure   Gas Plant   Natural Gas Flared   Spilled: 678 Mcf   Recovered: 0 Mcf   Lost: 678 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      | Yes           |
| 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                                                    | Unexpected shut-in |
| Steps taken to limit the duration and magnitude of venting or flaring                                                          | Battery Redesign   |
| Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring                                         | Battery Redesign   |

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CONDITIONS  
  
Action 33975

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|                                                                         |                                                        |
|-------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>BTA OIL PRODUCERS, LLC<br>104 S Pecos<br>Midland, TX 79701 | OGRID:<br>260297                                       |
|                                                                         | Action Number:<br>33975                                |
|                                                                         | 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. | 6/28/2021      |