

Meter #: 17736-00  
Name: NEW MEXICO STATE J

**Sample**

Date: 12/21/2020

Type: Spot

Pressure: 49.0 H2O: lbs/mm

Temperature: 75.0 H2S: 939 ppm

| Component | Mole % | Liquid Content | Mass % |
|-----------|--------|----------------|--------|
|-----------|--------|----------------|--------|

|                       |         |        |         |
|-----------------------|---------|--------|---------|
| Carbon Dioxide, CO2   | 0.3072  |        | 0.5537  |
| Nitrogen, N2          | 2.9816  |        | 3.4207  |
| Methane, C1           | 66.8084 |        | 43.8937 |
| Ethane, C2            | 14.2544 | 3.8296 | 17.5537 |
| Propane, C3           | 8.8645  | 2.4533 | 16.0084 |
| Isobutane, iC4        | 1.1015  | 0.3621 | 2.6220  |
| n-Butane, nC4         | 2.9493  | 0.9341 | 7.0204  |
| Isopentane, iC5       | 0.7679  | 0.2821 | 2.2690  |
| n-Pentane, nC5        | 0.7131  | 0.2597 | 2.1071  |
| Hexanes Plus, C6+     | 1.1582  | 0.5077 | 4.4202  |
| Water, H2O            |         |        |         |
| Hydrogen Sulfide, H2S | 0.0939  |        | 0.1311  |
| Oxygen, O2            | 0.0000  |        | 0.0000  |
| Carbon Monoxide, CO   |         |        |         |
| Hydrogen, H2          |         |        |         |
| Helium, He            | 0.0000  |        | 0.0000  |
| Argon, Ar             |         |        |         |

| Property | Total Sample |
|----------|--------------|
|----------|--------------|

|                               |         |
|-------------------------------|---------|
| Pressure Base                 | 14.730  |
| Temperature Base              | 60.00   |
| Relative Density              | 0.8468  |
| HV, Dry @ Base P, T           | 1410.80 |
| HV, Sat @ Base P, T           | 1386.11 |
| HV, Sat @ Sample P, T         |         |
| Fws Factor                    |         |
| Cricondentherm                |         |
| HCDP @ Sample Pressure        |         |
| Free Water GPM                |         |
| Stock Tank Condensate Brls/mm |         |
| 26 # RVP Gasoline             | 1.583   |
| Testcar Permian               | 1.125   |
| Testcar Panhandle             | 1.112   |
| Testcar Midcon                | 1.005   |

|        |          |        |          |
|--------|----------|--------|----------|
| Totals | 100.0000 | 8.6286 | 100.0000 |
|--------|----------|--------|----------|

**NEW MEXICO J STATE EM BTY**

**MTD Avg Gas – Prod Gas = Vented Gas/ Day**

07/10/2021 – 07/20/2021 = 365

**Pressure Base Conversion**

14.73/15.025 = .98036605

365\* .98036605 = 358 mcf Vented

**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  
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 37790

**QUESTIONS**

|                                                                                       |                                                        |
|---------------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>CROSS TIMBERS ENERGY, LLC<br>400 West 7th Street<br>Fort Worth, TX 76102 | OGRID:<br>298299                                       |
|                                                                                       | Action Number:<br>37790                                |
|                                                                                       | 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                                                                                                                                                                                                                  | Yes                                           |
| 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, minor venting or flaring of natural gas. |
| 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                                                                                                |                                               |
| 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 | NEW MEXICO J STATE EM BATTERY |
| Facility Type         | Tank Battery - (TB)           |

**Equipment Involved**

|                                                           |                 |
|-----------------------------------------------------------|-----------------|
| Primary Equipment Involved                                | Other (Specify) |
| Additional details for Equipment Involved. Please specify | FLARE STACK     |

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

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

|                                                                                                                               |               |
|-------------------------------------------------------------------------------------------------------------------------------|---------------|
| Methane (CH4) percentage                                                                                                      | 67            |
| Nitrogen (N2) percentage, if greater than one percent                                                                         | 3             |
| 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 or flaring was discovered or commenced                                 | 07/10/2021    |
| Time venting or flaring was discovered or commenced                                 | 10:00 AM      |
| Is the venting or flaring event complete                                            | No            |
| Date venting or flaring was terminated                                              | Not answered. |
| Time venting or flaring was terminated                                              | Not answered. |
| Total duration of venting or flaring in hours, if venting or flaring has terminated | Not answered. |
| 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                                       | Cause: Midstream Emergency Maintenance   Other (Specify)   Natural Gas Vented   Spilled: 358 Mcf   Recovered: 0 Mcf   Lost: 358 Mcf |
| Natural Gas Flared (Mcf) Details                                       | Not answered.                                                                                                                       |
| Other Released Details                                                 | Not answered.                                                                                                                       |
| Additional details for Measured or Estimated Volume(s). Please specify | FLARE STACK                                                                                                                         |
| 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                                                    | DCP MIDSTREAM EQUIPMENT FAILURE                                              |
| Steps taken to limit the duration and magnitude of venting or flaring                                                          | DURATION AND MAGNITUDE OUT OF OUR CONTROL DUE TO MIDSTREAM EQUIPMENT FAILURE |
| Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring                                         | CAUSE AND REOCCURRENCE OUT OF OUR CONTROL DUE TO MIDSTREAM EQUIPMENT FAILURE |

**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  
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**

CONDITIONS  
  
Action 37790

CONDITIONS

|                                                                                       |                                                        |
|---------------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>CROSS TIMBERS ENERGY, LLC<br>400 West 7th Street<br>Fort Worth, TX 76102 | OGRID:<br>298299                                       |
|                                                                                       | Action Number:<br>37790                                |
|                                                                                       | 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. | 7/23/2021      |