

Meter #: 16988-00  
Name: STATE BO & BP

**Sample**

Date: 09/30/2021

Type: Spot

Pressure: 46.0 H2O: lbs/mm

Temperature: 91.0 H2S: 0 ppm

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

|                       |         |        |         |
|-----------------------|---------|--------|---------|
| Carbon Dioxide, CO2   | 1.8726  |        | 3.3564  |
| Nitrogen, N2          | 2.9889  |        | 3.4100  |
| Methane, C1           | 64.5259 |        | 42.1586 |
| Ethane, C2            | 15.5698 | 4.1827 | 19.0670 |
| Propane, C3           | 9.4538  | 2.6162 | 16.9778 |
| Isobutane, iC4        | 0.9841  | 0.3235 | 2.3295  |
| n-Butane, nC4         | 2.6484  | 0.8387 | 6.2691  |
| Isopentane, iC5       | 0.6093  | 0.2238 | 1.7904  |
| n-Pentane, nC5        | 0.6097  | 0.2220 | 1.7915  |
| Hexanes, C6           | 0.3815  | 0.1576 | 1.3389  |
| Heptanes, C7          | 0.2667  | 0.1236 | 1.0884  |
| Octanes, C8           | 0.0771  | 0.0397 | 0.3587  |
| Nonanes Plus, C9+     | 0.0122  | 0.0069 | 0.0637  |
| Water, H2O            |         |        |         |
| Hydrogen Sulfide, H2S | 0.0000  |        | 0.0000  |
| Oxygen, O2            |         |        |         |
| Carbon Monoxide, CO   |         |        |         |
| Hydrogen, H2          |         |        |         |
| Helium, He            |         |        |         |
| Argon, Ar             |         |        |         |

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

|                               |         |
|-------------------------------|---------|
| Pressure Base                 | 14.730  |
| Temperature Base              | 60.00   |
| Relative Density              | 0.8514  |
| HV, Dry @ Base P,T            | 1380.49 |
| HV, Sat @ Base P, T           | 1356.33 |
| HV, Sat @ Sample P, T         |         |
| Fws Factor                    |         |
| Cricondentherm                |         |
| HCDP @ Sample Pressure        |         |
| Free Water GPM                |         |
| Stock Tank Condensate Brls/mm |         |
| 26 # RVP Gasoline             | 1.151   |
| Testcar Permian               | 1.058   |
| Testcar Panhandle             | 0.896   |
| Testcar Midcon                | 0.749   |

|        |          |        |          |
|--------|----------|--------|----------|
| Totals | 100.0000 | 8.7347 | 100.0000 |
|--------|----------|--------|----------|

**NEW MEXICO BO STATE BTY**

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

11/21/2021 – 11/21/2021 = 250

**Pressure Base Conversion**

14.73/15.025 = .98036605

250\* .98036605 = 245 **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 65388

**QUESTIONS**

|                                                                                       |                                                        |
|---------------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>CROSS TIMBERS ENERGY, LLC<br>400 West 7th Street<br>Fort Worth, TX 76102 | OGRID:<br>298299                                       |
|                                                                                       | Action Number:<br>65388                                |
|                                                                                       | 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 | [fAPP2123056912] NEW MEXICO BO STATE BATTERY |

**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                                                                                                                                                                  | Yes                                               |
| Is this considered a submission for a venting and/or flaring event                                                                                                                                                                                                                           | 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                                | 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                                     | 65 |
| 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 | 2  |
| 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 | 11/21/2021 |
| Time venting and/or flaring was discovered or commenced | 12:00 AM   |
| Time venting and/or flaring was terminated              | 11:59 PM   |
| Cumulative hours 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   Released: 245 Mcf   Recovered: 0 Mcf   Lost: 245 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 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      | No            |
| Was notification of downstream activity received by you or your operator   | Not answered. |
| Downstream OGRID that should have notified you or your operator            | 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                                                    | DCP MIDSTREAM EQUIPMENT FAILURE. LINE LEAK AT DOBBS BOOSTER STATION                                                                                                                                      |
| Steps taken to limit the duration and magnitude of venting and/or flaring                                                      | DURATION AND MAGNITUDE OUT OF OUR CONTROL DUE TO MIDSTREAM EQUIPMENT FAILURE. CROSS TIMBERS ENERGY MINIMIZES EMISSIONS WHERE POSSIBLE.                                                                   |
| Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring                                     | CAUSE AND REOCCURANCE OUT OF OUR CONTROL DUE TO MIDSTREAM EQUIPMENT FAILURE. CROSS TIMBERS ENERGY WILL SI GAS WELLS IF FEASIBLE TO REDUCE AMOUNTS VENTED/FLARE UNTIL MIDSTREAM COMPANY COMPLETES REPAIRS |

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CONDITIONS

Action 65388

CONDITIONS

|                                                                                       |                                                        |
|---------------------------------------------------------------------------------------|--------------------------------------------------------|
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|                                                                                       | Action Number:<br>65388                                |
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CONDITIONS

| Created By | Condition                                                                                                                                                                          | Condition Date |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| savarello  | 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. | 12/7/2021      |