

Meter #: 17611-00  
Name: NO VAC ABO UN TR10

**Sample**

Date: 01/13/2021

Type: Spot

Pressure: 27.0 H2O: lbs/mm

Temperature: 62.0 H2S: ppm

| Component             | Mole %          | Liquid Content | Mass %          |
|-----------------------|-----------------|----------------|-----------------|
| Carbon Dioxide, CO2   | 0.3418          |                | 0.6160          |
| Nitrogen, N2          | 2.9697          |                | 3.4066          |
| Methane, C1           | 64.4721         |                | 42.3538         |
| Ethane, C2            | 16.3870         | 4.4026         | 20.1776         |
| Propane, C3           | 10.3805         | 2.8730         | 18.7441         |
| Isobutane, iC4        | 1.1049          | 0.3632         | 2.6297          |
| n-Butane, nC4         | 2.5505          | 0.8078         | 6.0703          |
| Isopentane, iC5       | 0.5153          | 0.1893         | 1.5223          |
| n-Pentane, nC5        | 0.4626          | 0.1685         | 1.3667          |
| Hexanes Plus, C6+     | 0.8157          | 0.3576         | 3.1129          |
| Water, H2O            |                 |                |                 |
| Hydrogen Sulfide, H2S |                 |                |                 |
| Oxygen, O2            |                 |                |                 |
| Carbon Monoxide, CO   |                 |                |                 |
| Hydrogen, H2          |                 |                |                 |
| Helium, He            |                 |                |                 |
| Argon, Ar             |                 |                |                 |
| <b>Totals</b>         | <b>100.0001</b> | <b>9.1620</b>  | <b>100.0000</b> |

| Property                      | Total Sample |
|-------------------------------|--------------|
| Pressure Base                 | 14.730       |
| Temperature Base              | 60.00        |
| Relative Density              | 0.8469       |
| HV, Dry @ Base P,T            | 1412.51      |
| HV, Sat @ Base P, T           | 1387.79      |
| HV, Sat @ Sample P, T         |              |
| Fws Factor                    |              |
| Cricondentherm                |              |
| HCDP @ Sample Pressure        |              |
| Free Water GPM                |              |
| Stock Tank Condensate Brls/mm |              |
| 26 # RVP Gasoline             | 1.083        |
| Testcar Permian               | 0.747        |
| Testcar Panhandle             | 0.901        |
| Testcar Midcon                | 0.770        |

**NVAU 120 BTY**

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

**Day** 07/24/2021 – 07/24/2021 = 65

**Pressure Base Conversion**

14.73/15.025 = .98036605

65\* .98036605 = **64 mcf Vented**

**District I**

1625 N. French Dr., Hobbs, NM 88240  
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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 62071

**QUESTIONS**

|                                                                                       |                                                        |
|---------------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>CROSS TIMBERS ENERGY, LLC<br>400 West 7th Street<br>Fort Worth, TX 76102 | OGRID:<br>298299                                       |
|                                                                                       | Action Number:<br>62071                                |
|                                                                                       | Action Type:<br>[C-129] Venting and/or Flaring (C-129) |

**QUESTIONS**

|                                                                                                                                                                    |                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>Prerequisites</b>                                                                                                                                               |                                              |
| 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                                                                                                                                                  | [fAPP2123056431] NORTH VACUUM ABO 120 BATTER |

|                                                                                                                                                                                                                                                                                              |                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| <b>Determination of Reporting Requirements</b>                                                                                                                                                                                                                                               |                                                   |
| 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                                                |

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

|                                                                                                                               |               |
|-------------------------------------------------------------------------------------------------------------------------------|---------------|
| <b>Representative Compositional Analysis of Vented or Flared Natural Gas</b>                                                  |               |
| Please provide the mole percent for the percentage questions in this group.                                                   |               |
| Methane (CH4) percentage                                                                                                      | 64            |
| 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. |

|                                                         |            |
|---------------------------------------------------------|------------|
| <b>Date(s) and Time(s)</b>                              |            |
| Date venting and/or flaring was discovered or commenced | 07/24/2021 |
| 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         |

|                                                                     |                                                                                                                                    |
|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>Measured or Estimated Volume of Vented or Flared Natural Gas</b> |                                                                                                                                    |
| Natural Gas Vented (Mcf) Details                                    | Cause: Midstream Emergency Maintenance   Other (Specify)   Natural Gas Vented   Released: 64 Mcf   Recovered: 0 Mcf   Lost: 64 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                                              |
| 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 |
| 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  |

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CONDITIONS  
  
Action 62071

CONDITIONS

|                                                                                       |                                                        |
|---------------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>CROSS TIMBERS ENERGY, LLC<br>400 West 7th Street<br>Fort Worth, TX 76102 | OGRID:<br>298299                                       |
|                                                                                       | Action Number:<br>62071                                |
|                                                                                       | Action Type:<br>[C-129] Venting and/or Flaring (C-129) |

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. | 11/16/2021     |