



**Volumetrics US Inc.**  
3001 N Cameron St, Victoria, TX-77901  
Phone: 361-827-4024

|                         |                        |                                |               |
|-------------------------|------------------------|--------------------------------|---------------|
| <b>Company:</b>         | TITUS OIL AND GAS, LLC | <b>Job ID</b>                  |               |
| <b>Field/Location :</b> | BRINSTOOL              | <b>Sampled by:</b>             | JA            |
| <b>Station Name :</b>   | WILD SALSA 323H        | <b>Sample Type :</b>           | SPOT-CYLINDER |
| <b>Station Number :</b> |                        | <b>Sample Temperature (F):</b> | 80            |
| <b>Sample Date:</b>     | 6/26/21 8:50 AM        | <b>Sample Pressure (PSIG):</b> | 174           |
| <b>Analysis Date:</b>   | 6/27/21 9:30 AM        | <b>Cylinder Number:</b>        | 1495          |

#### NATURAL GAS ANALYSIS: GPA 2261

| Components     | Normalized Mol% | GPM 14.650 | GPM 14.730 | GPM 15.025 |
|----------------|-----------------|------------|------------|------------|
| Nitrogen       | 1.1633          |            |            |            |
| Methane        | 75.2925         |            |            |            |
| Carbon Dioxide | 0.0823          |            |            |            |
| Ethane         | 12.7981         | 3.417      | 3.435      | 3.504      |
| Propane        | 6.3585          | 1.749      | 1.758      | 1.793      |
| Isobutane      | 0.8648          | 0.283      | 0.284      | 0.290      |
| N-butane       | 1.9623          | 0.618      | 0.621      | 0.633      |
| Isopentane     | 0.4349          | 0.159      | 0.160      | 0.163      |
| N-Pentane      | 0.4616          | 0.167      | 0.168      | 0.171      |
| Hexanes Plus   | 0.5817          | 0.253      | 0.255      | 0.260      |
| <b>Total</b>   | <b>100.0000</b> |            |            |            |

Hexanes plus split (60%-30%-10%)

| Physical Properties (Calculated)  | 14.650 psia        | 14.730 psia        | 15.025 psia        |
|-----------------------------------|--------------------|--------------------|--------------------|
| Total GPM Ethane+                 | 6.645              | 6.681              | 6.815              |
| Total GPM Iso-Pentane+            | 0.579              | 0.582              | 0.594              |
| Compressibility (Z)               | 0.9961             | 0.9960             | 0.9960             |
| Specific Gravity ( Air=1) @ 60 °F | 0.7597             | 0.7597             | 0.7598             |
| Molecular Weight                  | 21.925             | 21.925             | 21.925             |
| <b>Gross Heating Value</b>        | <b>14.650 psia</b> | <b>14.730 psia</b> | <b>15.025 psia</b> |
| Dry, Real (BTU/Ft <sup>3</sup> )  | 1305.9             | 1313.0             | 1339.4             |
| Wet, Real (BTU/Ft <sup>3</sup> )  | 1283.1             | 1290.2             | 1316.1             |
| Dry, Ideal (BTU/Ft <sup>3</sup> ) | 1300.7             | 1307.8             | 1334.0             |
| Wet, Ideal (BTU/Ft <sup>3</sup> ) | 1278.1             | 1285.1             | 1310.8             |

Temperature base 60 °F

**Comment:** FIELD H2S = 0 PPM

**Verified by**

Mostaq Ahammad  
Petroleum Chemist

**Approved by**

*Deann Friend*

Deann Friend  
Laboratory Manager

## FLARING SUMMARY

| Battery        | Date       | Total Flare Vol (mcf) | Hrs Flared | Start      |      | End        |      |
|----------------|------------|-----------------------|------------|------------|------|------------|------|
| Wild Salsa CTB | 09/05/2021 | 163                   | 24         | 09/05/2021 | 0000 | 09/05/2021 | 2359 |

**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 46510

**QUESTIONS**

|                                                                                                       |                                                        |
|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>Titus Oil & Gas Production, LLC<br>420 Throckmorton St, Ste 1150<br>Fort Worth, TX 76012 | OGRID:<br>373986                                       |
|                                                                                                       | Action Number:<br>46510                                |
|                                                                                                       | 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                                                                                                                                                      | [30-025-47637] WILD SALSA FEDERAL COM #323H |
| Incident Facility                                                                                                                                                  | Not answered.                               |

|                                                                                                                                                                                                                                                                                              |                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| <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 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                                                |

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

|                                                                                                                               |               |
|-------------------------------------------------------------------------------------------------------------------------------|---------------|
| <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                                                                                                      | 75            |
| 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. |

|                                                         |            |
|---------------------------------------------------------|------------|
| <b>Date(s) and Time(s)</b>                              |            |
| Date venting and/or flaring was discovered or commenced | 09/05/2021 |
| 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                                    | Not answered. |

|                                                                           |                                                                                                                             |
|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Natural Gas Flared (Mcf) Details                                          | Cause: Repair and Maintenance   Other (Specify)   Natural Gas Flared   Released: 163 Mcf   Recovered: 0 Mcf   Lost: 163 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                                                    | Combustor needing maintenance requires burning flash gas at the Low Pressure Flare until repaired |
| Steps taken to limit the duration and magnitude of venting and/or flaring                                                      | Technician immediately dispatched to site to assess repairs required                              |
| Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring                                     | Work order submitted                                                                              |

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CONDITIONS  
  
Action 46510

CONDITIONS

|                                                                                                       |                                                        |
|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>Titus Oil & Gas Production, LLC<br>420 Throckmorton St, Ste 1150<br>Fort Worth, TX 76012 | OGRID:<br>373986                                       |
|                                                                                                       | Action Number:<br>46510                                |
|                                                                                                       | Action Type:<br>[C-129] Venting and/or Flaring (C-129) |

CONDITIONS

| Created By | Condition                                                                                                                                                                          | Condition Date |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| rdelong    | 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. | 9/6/2021       |