

**GAS VOLUME STATEMENT****Spur Energy**

July, 2021

Meter #: 79410093

Name: Ross Ranch CTB Flare

Closed Data

Artesia-East

Pressure Base: 14.730 psia

Temperature Base: 60.00 °F

HV Cond:

Meter Type: EFM

Contract Hr.: Midnight

Status: In Service

WV Technique:

WV Method:

| CO2   | N2    | H2O   | H2S    | O2    | He    | C1     | C2     | C3    | I-C4  | N-C4  | I-C5  | N-C5  | C6+   |
|-------|-------|-------|--------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|
| 4.850 | 2.713 | 0.000 | 1.9633 | 0.000 | 0.000 | 64.426 | 13.428 | 7.250 | 0.994 | 2.332 | 0.568 | 0.552 | 0.923 |

| Tube I.D. | Interval | Tap Location | Tap Type | Atmos. Pressure | Calc. Method | Fpv Method  |
|-----------|----------|--------------|----------|-----------------|--------------|-------------|
| 3.068 in. | 1 Hour   | Upstream     | Flange   | 13.140 psi      | AGA3-1992    | AGA8-Detail |

| Day          | Differential<br>(In. H2O) | Pressure<br>(psia) | Temperature<br>(°F) | Hours<br>Flow | Relative<br>Density | Plate<br>(inches) | Volume<br>(Mcf) | Heating<br>Value<br>(Btu/scf) | Energy<br>(MMBtu) | Edited |
|--------------|---------------------------|--------------------|---------------------|---------------|---------------------|-------------------|-----------------|-------------------------------|-------------------|--------|
| 1            | 0.00                      | 12.99              | 81.38               | 0.00          | 0.8342              | 2.000             | 0.00            | 1279.90                       | 0.00              | No     |
| 2            | 0.00                      | 12.99              | 79.65               | 0.00          | 0.8342              | 2.000             | 0.00            | 1279.90                       | 0.00              | No     |
| 3            | 0.00                      | 12.99              | 79.46               | 0.00          | 0.8342              | 2.000             | 0.00            | 1279.90                       | 0.00              | No     |
| 4            | 0.25                      | 12.94              | 102.34              | 0.04          | 0.8342              | 2.000             | 0.07            | 1279.90                       | 0.10              | No     |
| 5            | 0.00                      | 12.97              | 83.21               | 0.00          | 0.8342              | 2.000             | 0.00            | 1279.90                       | 0.00              | No     |
| 6            | 0.00                      | 12.98              | 81.51               | 0.00          | 0.8342              | 2.000             | 0.00            | 1279.90                       | 0.00              | No     |
| 7            | 0.00                      | 12.99              | 80.43               | 0.00          | 0.8342              | 2.000             | 0.00            | 1279.90                       | 0.00              | No     |
| 8            | 0.00                      | 12.99              | 85.41               | 0.00          | 0.8342              | 2.000             | 0.00            | 1279.90                       | 0.00              | No     |
| 9            | 0.00                      | 12.99              | 85.30               | 0.00          | 0.8342              | 2.000             | 0.00            | 1279.90                       | 0.00              | No     |
| 10           | 0.00                      | 12.98              | 84.51               | 0.00          | 0.8342              | 2.000             | 0.00            | 1279.90                       | 0.00              | No     |
| 11           | 0.00                      | 12.99              | 78.51               | 0.00          | 0.8342              | 2.000             | 0.00            | 1279.90                       | 0.00              | No     |
| 12           | 0.00                      | 13.01              | 82.86               | 0.00          | 0.8342              | 2.000             | 0.00            | 1279.90                       | 0.00              | No     |
| 13           | 0.00                      | 13.02              | 81.30               | 0.00          | 0.8342              | 2.000             | 0.00            | 1279.90                       | 0.00              | No     |
| 14           | 0.25                      | 12.98              | 105.27              | 0.94          | 0.8342              | 2.000             | 1.67            | 1279.90                       | 2.14              | No     |
| 15           | 0.25                      | 12.96              | 113.73              | 1.20          | 0.8342              | 2.000             | 2.12            | 1279.90                       | 2.71              | No     |
| 16           | 0.25                      | 12.95              | 110.44              | 1.20          | 0.8342              | 2.000             | 2.12            | 1279.90                       | 2.71              | No     |
| 17           | 0.25                      | 12.98              | 110.40              | 0.33          | 0.8342              | 2.000             | 0.58            | 1279.90                       | 0.74              | No     |
| 18           | 0.00                      | 13.04              | 74.08               | 0.00          | 0.8342              | 2.000             | 0.00            | 1279.90                       | 0.00              | No     |
| 19           | 0.00                      | 13.04              | 79.77               | 0.00          | 0.8342              | 2.000             | 0.00            | 1279.90                       | 0.00              | No     |
| 20           | 40.10                     | 25.03              | 91.68               | 8.70          | 0.8342              | 2.000             | 261.69          | 1279.90                       | 334.93            | No     |
| 21           | 39.48                     | 25.68              | 84.41               | 24.00         | 0.8342              | 2.000             | 731.19          | 1279.90                       | 935.85            | No     |
| 22           | 36.54                     | 25.32              | 78.43               | 14.38         | 0.8342              | 2.000             | 410.06          | 1279.90                       | 524.83            | No     |
| 23           | 0.00                      | 12.99              | 81.32               | 0.00          | 0.8342              | 2.000             | 0.00            | 1279.90                       | 0.00              | No     |
| 24           | 0.25                      | 12.99              | 110.12              | 0.31          | 0.8342              | 2.000             | 0.56            | 1279.90                       | 0.71              | No     |
| 25           | 0.00                      | 12.99              | 82.46               | 0.00          | 0.8342              | 2.000             | 0.00            | 1279.90                       | 0.00              | No     |
| 26           | 0.26                      | 12.99              | 110.99              | 1.52          | 0.8342              | 2.000             | 2.70            | 1279.90                       | 3.45              | No     |
| 27           | 0.25                      | 13.03              | 109.73              | 0.21          | 0.8342              | 2.000             | 0.38            | 1279.90                       | 0.49              | No     |
| 28           | 0.00                      | 13.02              | 81.42               | 0.00          | 0.8342              | 2.000             | 0.00            | 1279.90                       | 0.00              | No     |
| 29           | 0.00                      | 13.02              | 82.82               | 0.00          | 0.8342              | 2.000             | 0.00            | 1279.90                       | 0.00              | No     |
| 30           | 0.00                      | 13.03              | 82.82               | 0.00          | 0.8342              | 2.000             | 0.00            | 1279.90                       | 0.00              | No     |
| 31           | 0.00                      | 13.02              | 84.86               | 0.00          | 0.8342              | 2.000             | 0.00            | 1279.90                       | 0.00              | No     |
| <b>TOTAL</b> | 38.46                     | 25.36              | 84.21               | 52.84         | 0.8342              |                   | 1,413.12        |                               | 1,808.65          |        |

| Name of well or facility                    | Lat        | Long         | Daily Volume of Flared Natural Gas (MCF/D) | Commencement | Duration   | Proposed Remedy |
|---------------------------------------------|------------|--------------|--------------------------------------------|--------------|------------|-----------------|
| SHELBY 23 TANK BATTERY                      | 32.636495  | -104.449015  | 1501 MCF/D                                 | 11/22/2021   | Continuous | ACO Requested   |
| ROSS RANCH 09.13.14 BATTERY                 | 32.636187  | -104.47781   | 853 MCF/D                                  | 11/22/2021   | Continuous | ACO Requested   |
| OSAGE BOYD 15 FED 09.12.13.14 TANK BATTERY  | 32.652839  | -104.478905  | 1092 MCF/D                                 | 11/22/2021   | Continuous | ACO Requested   |
| LAKEWOOD FEDERAL COM NORTH BATTERY          | 32.625808  | -104.469155  | 2831 MCF/D                                 | 11/22/2021   | Continuous | ACO Requested   |
| LAKEWOOD FEDERAL COM SOUTH BATTERY          | 32.608649  | -104.479201  | 1363 MCF/D                                 | 11/22/2021   | Continuous | ACO Requested   |
| DORAMI 33 FEDERAL COM 2H.4H.9H TANK BATTERY | 32.614416  | -104.478493  | 918 MCF/D                                  | 11/22/2021   | Continuous | ACO Requested   |
| HUBER 10, 11, 12 FEDERAL OIL TANK BATTERY   | 32.610648  | -104.472851  | 723 MCF/D                                  | 11/22/2021   | Continuous | ACO Requested   |
| LIVE OAK TANK BATTERY                       | 32.63657   | -104.46929   | 2412 MCF/D                                 | 11/22/2021   | Continuous | ACO Requested   |
| ROSE SOUTH TANK BATTERY                     | 32.67021   | -104.42768   | 364 MCF/D                                  | 11/22/2021   | Continuous | Pipeline Specs  |
| MORRIS BOYD TANK BATTERY                    | 32.6250267 | -104.4488373 | 115 MCF/D                                  | 11/22/2021   | Continuous | Gas Rerouted    |

**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 64415

**QUESTIONS**

|                                                                                 |                                                        |
|---------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>Spur Energy Partners LLC<br>9655 Katy Freeway<br>Houston, TX 77024 | OGRID:<br>328947                                       |
|                                                                                 | Action Number:<br>64415                                |
|                                                                                 | 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 | [fAPP2123533271] Ross Ranch 09.12.13.14 Tank 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                                                                                                                                                                                                                  | No                                                |
| 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, major 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                                | Not answered. |
| 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                                     | 64     |
| Nitrogen (N2) percentage, if greater than one percent        | 3      |
| Hydrogen Sulfide (H2S) PPM, rounded up                       | 19,633 |
| Carbon Dioxide (CO2) percentage, if greater than one percent | 5      |
| 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 | 11/22/2021 |
| Time venting and/or flaring was discovered or commenced | 12:00 AM   |
| Time venting and/or flaring was terminated              | 12:00 AM   |
| Cumulative hours 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: Pipeline Quality Specifications   Other (Specify)   Natural Gas Flared   Released: 853 Mcf   Recovered: 0 Mcf   Lost: 853 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. |
| 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                                                    | 3rd party take away refusal due to capacity restraints.                                                                                   |
| Steps taken to limit the duration and magnitude of venting and/or flaring                                                      | Executed contract with midstream company to gather gas by 12/1/2021. Delays on approved ROWs have pushed the tie-in date to late January. |
| Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring                                     | Executed contract with midstream company to gather gas by 12/1/2021. Delays on approved ROWs have pushed the tie-in date to late January. |

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CONDITIONS  
  
Action 64415

CONDITIONS

|                                                                                 |                                                        |
|---------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>Spur Energy Partners LLC<br>9655 Katy Freeway<br>Houston, TX 77024 | OGRID:<br>328947                                       |
|                                                                                 | Action Number:<br>64415                                |
|                                                                                 | Action Type:<br>[C-129] Venting and/or Flaring (C-129) |

CONDITIONS

| Created By | Condition                                                                                                                                                                          | Condition Date |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| schapman01 | 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. | 12/1/2021      |