

**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 | 1740 MCF/D                                 | 10/28/2021   | Continuous | ACO Requested   |
| ROSS RANCH 09.13.14 BATTERY                 | 32.636187 | -104.47781  | 452 MCF/D                                  | 10/28/2021   | Continuous | ACO Requested   |
| OSAGE BOYD 15 FED 09.12.13.14 TANK BATTERY  | 32.652839 | -104.478905 | 1657 MCF/D                                 | 10/28/2021   | Continuous | ACO Requested   |
| LAKEWOOD FEDERAL COM NORTH BATTERY          | 32.625808 | -104.469155 | 2883 MCF/D                                 | 10/28/2021   | Continuous | ACO Requested   |
| LAKEWOOD FEDERAL COM SOUTH BATTERY          | 32.608649 | -104.479201 | 1517 MCF/D                                 | 10/28/2021   | Continuous | ACO Requested   |
| DORAMI 33 FEDERAL COM 2H.4H.9H TANK BATTERY | 32.614416 | -104.478493 | 869 MCF/D                                  | 10/28/2021   | Continuous | ACO Requested   |
| HUBER 10, 11, 12 FEDERAL OIL TANK BATTERY   | 32.610648 | -104.472851 | 725 MCF/D                                  | 10/28/2021   | Continuous | ACO Requested   |
| LIVE OAK TANK BATTERY                       | 32.63657  | -104.46929  | 2569 MCF/D                                 | 10/28/2021   | Continuous | ACO Requested   |
| JG STATE 16 #1 TANK BATTERY                 | 32.8284   | -103.77367  | 132 MCF/D                                  | 10/28/2021   | Continuous | Gas Rerouted    |
| JG STATE 16 #7 TANK BATTERY                 | 32.83604  | -103.77756  | 82 MCF/D                                   | 10/28/2021   | 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  
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**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 60437

**QUESTIONS**

|                                                                                 |                                                        |
|---------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>Spur Energy Partners LLC<br>9655 Katy Freeway<br>Houston, TX 77024 | OGRID:<br>328947                                       |
|                                                                                 | Action Number:<br>60437                                |
|                                                                                 | Action Type:<br>[C-129] Venting and/or Flaring (C-129) |

**QUESTIONS**

|                                                                                                                                                                           |                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| <b>Prerequisites</b>                                                                                                                                                      |                                                      |
| <i>Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.</i> |                                                      |
| Incident Well                                                                                                                                                             | Not answered.                                        |
| Incident Facility                                                                                                                                                         | [fAPP2123533271] Ross Ranch 09.12.13.14 Tank Battery |

|                                                                                                                                                                                                                                                                                                     |                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| <b>Determination of Reporting Requirements</b>                                                                                                                                                                                                                                                      |                                                   |
| <i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i>                                                                                                                                                          |                                                   |
| 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, minor venting and/or flaring of natural gas. |
| <i>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.</i>                                                                                              |                                                   |
| 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 <b>ANY</b> 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                                | Not answered. |
| Additional details for Equipment Involved. Please specify | Not answered. |

|                                                                                                                                      |               |
|--------------------------------------------------------------------------------------------------------------------------------------|---------------|
| <b>Representative Compositional Analysis of Vented or Flared Natural Gas</b>                                                         |               |
| <i>Please provide the mole percent for the percentage questions in this group.</i>                                                   |               |
| 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             |
| <i>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</i> |               |
| 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 | 10/28/2021 |
| 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         |

|                                                                     |               |
|---------------------------------------------------------------------|---------------|
| <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: Pipeline Quality Specifications   Other (Specify)   Natural Gas Flared   Released: 452 Mcf   Recovered: 0 Mcf   Lost: 452 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. |
| 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. |

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CONDITIONS  
  
Action 60437

CONDITIONS

|                                                                                 |                                                        |
|---------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>Spur Energy Partners LLC<br>9655 Katy Freeway<br>Houston, TX 77024 | OGRID:<br>328947                                       |
|                                                                                 | Action Number:<br>60437                                |
|                                                                                 | 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. | 11/5/2021      |