

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

April, 2021

Meter #: 79410116

Name: Lakewood 3 Fed 14H

Closed Data

Artesia-East

**Pressure Base:** 14.650 psia**Temperature Base:** 60.00 °F**HV Cond:****Meter Type:** EFM**Contract Hr.:** 8 AM**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+   |
|-----------|-------|----------|--------|--------------|-------|----------|--------|-----------------|-------|--------------|-------|-------------|-------|
| 6.067     | 5.675 | 0.000    | 1.9229 | 0.000        | 0.000 | 51.804   | 16.643 | 11.505          | 1.321 | 3.126        | 0.711 | 0.660       | 0.564 |
| Tube I.D. |       | Interval |        | Tap Location |       | Tap Type |        | Atmos. Pressure |       | Calc. Method |       | Fpv Method  |       |
| 3.068 in. |       | 1 Hour   |        | Upstream     |       | Flange   |        | 12.950 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            | 0.47                      | 101.14             | 64.06               | 0.13          | 0.9279              | 2.000             | 0.70            | 1346.10                       | 0.94              | No     |
| 2            | 0.30                      | 99.76              | 68.49               | 0.76          | 0.9279              | 2.000             | 3.96            | 1346.10                       | 5.34              | No     |
| 3            | 0.39                      | 100.40             | 67.88               | 2.12          | 0.9279              | 2.000             | 12.56           | 1346.10                       | 16.91             | No     |
| 4            | 0.50                      | 99.01              | 68.76               | 3.16          | 0.9279              | 2.000             | 20.89           | 1346.10                       | 28.11             | No     |
| 5            | 0.64                      | 84.57              | 76.64               | 3.43          | 0.9279              | 2.000             | 23.29           | 1346.10                       | 31.35             | No     |
| 6            | 1.22                      | 84.56              | 73.59               | 5.42          | 0.9279              | 2.000             | 48.07           | 1346.10                       | 64.71             | No     |
| 7            | 1.54                      | 84.60              | 75.33               | 6.86          | 0.9279              | 2.000             | 70.70           | 1346.10                       | 95.16             | No     |
| 8            | 1.71                      | 84.47              | 81.66               | 7.96          | 0.9279              | 2.000             | 85.21           | 1346.10                       | 114.70            | No     |
| 9            | 1.56                      | 84.63              | 77.14               | 8.80          | 0.9279              | 2.000             | 90.09           | 1346.10                       | 121.27            | No     |
| 10           | 1.53                      | 84.75              | 73.54               | 8.69          | 0.9279              | 2.000             | 88.39           | 1346.10                       | 118.99            | No     |
| 11           | 1.43                      | 84.93              | 80.08               | 8.89          | 0.9279              | 2.000             | 87.31           | 1346.10                       | 117.53            | No     |
| 12           | 1.31                      | 85.32              | 72.38               | 10.28         | 0.9279              | 2.000             | 98.05           | 1346.10                       | 131.99            | No     |
| 13           | 1.20                      | 85.69              | 73.67               | 10.79         | 0.9279              | 2.000             | 98.70           | 1346.10                       | 132.86            | No     |
| 14           | 1.29                      | 87.68              | 70.71               | 12.87         | 0.9279              | 2.000             | 124.23          | 1346.10                       | 167.23            | No     |
| 15           | 1.45                      | 88.67              | 65.77               | 13.35         | 0.9279              | 2.000             | 137.46          | 1346.10                       | 185.04            | No     |
| 16           | 1.55                      | 89.56              | 71.39               | 15.51         | 0.9279              | 2.000             | 166.14          | 1346.10                       | 223.64            | No     |
| 17           | 1.52                      | 86.98              | 68.77               | 16.79         | 0.9279              | 2.000             | 176.54          | 1346.10                       | 237.63            | No     |
| 18           | 1.52                      | 88.60              | 69.36               | 17.43         | 0.9279              | 2.000             | 185.28          | 1346.10                       | 249.41            | No     |
| 19           | 1.46                      | 88.46              | 74.54               | 18.49         | 0.9279              | 2.000             | 191.10          | 1346.10                       | 257.24            | No     |
| 20           | 1.46                      | 87.68              | 68.99               | 18.71         | 0.9279              | 2.000             | 193.57          | 1346.10                       | 260.56            | No     |
| 21           | 1.53                      | 89.02              | 68.59               | 19.80         | 0.9279              | 2.000             | 210.84          | 1346.10                       | 283.82            | No     |
| 22           | 1.51                      | 89.21              | 75.59               | 20.03         | 0.9279              | 2.000             | 211.05          | 1346.10                       | 284.09            | No     |
| 23           | 1.54                      | 89.89              | 77.14               | 20.16         | 0.9279              | 2.000             | 214.42          | 1346.10                       | 288.63            | No     |
| 24           | 1.32                      | 86.77              | 80.50               | 22.36         | 0.9279              | 2.000             | 220.17          | 1346.10                       | 296.38            | No     |
| 25           | 1.27                      | 87.20              | 82.96               | 22.94         | 0.9279              | 2.000             | 222.47          | 1346.10                       | 299.47            | No     |
| 26           | 1.45                      | 92.79              | 80.68               | 23.36         | 0.9279              | 2.000             | 249.89          | 1346.10                       | 336.38            | No     |
| 27           | 1.45                      | 92.85              | 81.77               | 23.28         | 0.9279              | 2.000             | 249.67          | 1346.10                       | 336.08            | No     |
| 28           | 1.69                      | 95.16              | 74.48               | 23.46         | 0.9279              | 2.000             | 276.26          | 1346.10                       | 371.87            | No     |
| 29           | 1.65                      | 92.29              | 67.27               | 23.53         | 0.9279              | 2.000             | 272.67          | 1346.10                       | 367.04            | No     |
| 30           | 1.86                      | 96.96              | 78.30               | 23.56         | 0.9279              | 2.000             | 293.68          | 1346.10                       | 395.32            | No     |
| <b>TOTAL</b> | <b>1.49</b>               | <b>89.66</b>       | <b>74.69</b>        | <b>412.91</b> | <b>0.9279</b>       |                   | <b>4,323.38</b> |                               | <b>5,819.71</b>   |        |

| 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  | 1370 MCF/D                                 | 8/19/2021    | Continuous | ACO Requested   |
| ROSS RANCH 09.13.14 BATTERY                 | 32.636187  | -104.47781   | 1481 MCF/D                                 | 8/19/2021    | Continuous | ACO Requested   |
| OSAGE BOYD 15 FED 09.12.13.14 TANK BATTERY  | 32.652839  | -104.478905  | 1097 MCF/D                                 | 8/19/2021    | Continuous | ACO Requested   |
| LAKEWOOD FEDERAL COM NORTH BATTERY          | 32.625808  | -104.469155  | 2998 MCF/D                                 | 8/19/2021    | Continuous | ACO Requested   |
| LAKEWOOD FEDERAL COM SOUTH BATTERY          | 32.608649  | -104.479201  | 1680 MCF/D                                 | 8/19/2021    | Continuous | ACO Requested   |
| DORAMI 33 FEDERAL COM 2H.4H.9H TANK BATTERY | 32.614416  | -104.478493  | 826 MCF/D                                  | 8/19/2021    | Continuous | ACO Requested   |
| HUBER 10, 11, 12 FEDERAL OIL TANK BATTERY   | 32.610648  | -104.472851  | 604 MCF/D                                  | 8/19/2021    | Continuous | ACO Requested   |
| MCINTYRE DK 15 FEDERAL TANK BATTERY         | 32.8280716 | -103.9942474 | 127 MCF/D                                  | 8/19/2021    | Continuous | Gas Rerouted    |
| HOBGOBLIN 7 FEDERAL COM 4H TANK BATTERY     | 32.8500748 | -104.00328   | 207 MCF/D                                  | 8/19/2021    | Continuous | Gas Rerouted    |
| ELECTRA FEDERAL 5 (SWEET) TANK BATTERY      | 32.8400116 | -103.9658051 | 134 MCF/D                                  | 8/19/2021    | Continuous | Gas Rerouted    |
| ELECTRA FEDERAL 33 (SOUR) TANK BATTERY      | 32.8535805 | -103.954521  | 237 MCF/D                                  | 8/19/2021    | Continuous | Gas Rerouted    |
| BERRY A FEDERAL PADDOCK TANK BATTERY        | 32.8209991 | -103.98452   | 111 MCF/D                                  | 8/19/2021    | Continuous | Gas Rerouted    |
| CARMEN 3 FEDERAL TANK BATTERY               | 32.8698921 | -103.952392  | 120 MCF/D                                  | 8/19/2021    | Continuous | Gas Rerouted    |
| GISSLER FEDERAL 13 TANK BATTERY             | 32.8609581 | -104.0017395 | 174 MCF/D                                  | 8/19/2021    | Continuous | Gas Rerouted    |
| JG STATE 16 #1 TANK BATTERY                 | 32.8283081 | -103.7735443 | 123 MCF/D                                  | 8/19/2021    | Continuous | Gas Rerouted    |
| PASSION 1 FED PDK 5H TANK BATTERY           | 32.8616638 | -104.0202484 | 77 MCF/D                                   | 8/19/2021    | Continuous | Gas Rerouted    |
| NEWCASTLE 6 FEDERAL COM TANK BATTERY        | 32.8592453 | -104.0196991 | 65 MCF/D                                   | 8/19/2021    | Continuous | Gas Rerouted    |
| MERAK 7 FEDERAL 8 MASTER TANK BATTERY       | 32.8427925 | -104.0081635 | 72 MCF/D                                   | 8/19/2021    | Continuous | Gas Rerouted    |
| JG STATE 16 #7 TANK BATTERY                 | 32.8357887 | -103.7768707 | 91 MCF/D                                   | 8/19/2021    | Continuous | Gas Rerouted    |
| PARLIAMENT 1 FEDERAL 4H TANK BATTERY        | 32.8645973 | -104.0201569 | 60 MCF/D                                   | 8/19/2021    | 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 44665

**QUESTIONS**

|                                                                                 |                                                        |
|---------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>Spur Energy Partners LLC<br>9655 Katy Freeway<br>Houston, TX 77024 | OGRID:<br>328947                                       |
|                                                                                 | Action Number:<br>44665                                |
|                                                                                 | 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 | [fAPP2122833205] Lakewood Federal Com South 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 notification of a major venting and/or flaring                                                                                                                                                                                                         | 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                                     | 52     |
| Nitrogen (N2) percentage, if greater than one percent        | 6      |
| Hydrogen Sulfide (H2S) PPM, rounded up                       | 19,229 |
| Carbon Dioxide (CO2) percentage, if greater than one percent | 6      |
| 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 | 08/19/2021 |
| 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: 1,680 Mcf   Recovered: 0 Mcf   Lost: 1,680 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                                                    | 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 44665

## CONDITIONS

|                                                                                 |                                                        |
|---------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>Spur Energy Partners LLC<br>9655 Katy Freeway<br>Houston, TX 77024 | OGRID:<br>328947                                       |
|                                                                                 | Action Number:<br>44665                                |
|                                                                                 | 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. | 8/26/2021      |