

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

July, 2021

Meter #: 79410126

Name: Shelby 23 CTB Flare

Closed Data

Artesia-East

Pressure Base: 14.730 psia

Temperature Base: 60.00 °F

HV Cond:

Meter Type: EFM

Contract Hr.: 7 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+   |
|-------|-------|-------|--------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|
| 3.472 | 0.965 | 0.000 | 1.0000 | 0.000 | 0.000 | 68.408 | 15.243 | 6.591 | 0.768 | 1.791 | 0.450 | 0.420 | 0.891 |

| Tube I.D. | Interval | Tap Location | Tap Type | Atmos. Pressure | Calc. Method | Fpv Method  |
|-----------|----------|--------------|----------|-----------------|--------------|-------------|
| 3.068 in. | 1 Hour   | Upstream     | Flange   | 12.980 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            | 41.47                     | 46.91              | 84.67               | 24.00         | 0.8164              | 2.375             | 1,628.91        | 1306.00                       | 2,127.36          | No     |
| 2            | 39.26                     | 44.80              | 83.66               | 24.00         | 0.8164              | 2.375             | 1,374.38        | 1306.00                       | 1,794.94          | Yes    |
| 3            | 46.23                     | 51.70              | 83.84               | 24.00         | 0.8164              | 2.375             | 1,783.87        | 1306.00                       | 2,329.74          | No     |
| 4            | 43.73                     | 49.30              | 88.18               | 24.00         | 0.8164              | 2.375             | 1,709.17        | 1306.00                       | 2,232.18          | No     |
| 5            | 42.73                     | 48.43              | 88.05               | 24.00         | 0.8164              | 2.375             | 1,674.72        | 1306.00                       | 2,187.18          | No     |
| 6            | 46.14                     | 51.64              | 90.42               | 24.00         | 0.8164              | 2.375             | 1,792.30        | 1306.00                       | 2,340.74          | No     |
| 7            | 46.58                     | 52.18              | 92.46               | 24.00         | 0.8164              | 2.375             | 1,807.10        | 1306.00                       | 2,360.07          | No     |
| 8            | 45.26                     | 50.93              | 96.94               | 24.00         | 0.8164              | 2.375             | 1,750.92        | 1306.00                       | 2,286.70          | No     |
| 9            | 44.42                     | 50.05              | 96.13               | 24.00         | 0.8164              | 2.375             | 1,722.25        | 1306.00                       | 2,249.26          | No     |
| 10           | 44.92                     | 50.59              | 95.19               | 24.00         | 0.8164              | 2.375             | 1,742.82        | 1306.00                       | 2,276.13          | No     |
| 11           | 44.98                     | 50.49              | 87.73               | 24.00         | 0.8164              | 2.375             | 1,754.89        | 1306.00                       | 2,291.88          | No     |
| 12           | 43.81                     | 49.56              | 94.52               | 24.00         | 0.8164              | 2.375             | 1,699.32        | 1306.00                       | 2,219.31          | No     |
| 13           | 42.67                     | 48.32              | 91.89               | 24.00         | 0.8164              | 2.375             | 1,664.41        | 1306.00                       | 2,173.72          | No     |
| 14           | 43.57                     | 49.42              | 88.69               | 24.00         | 0.8164              | 2.375             | 1,707.49        | 1306.00                       | 2,229.98          | No     |
| 15           | 43.10                     | 48.98              | 90.56               | 24.00         | 0.8164              | 2.375             | 1,687.89        | 1306.00                       | 2,204.38          | No     |
| 16           | 43.01                     | 48.80              | 89.95               | 24.00         | 0.8164              | 2.375             | 1,683.96        | 1306.00                       | 2,199.25          | No     |
| 17           | 43.04                     | 48.88              | 91.57               | 24.00         | 0.8164              | 2.375             | 1,683.27        | 1306.00                       | 2,198.36          | No     |
| 18           | 42.16                     | 47.77              | 77.57               | 24.00         | 0.8164              | 2.375             | 1,668.16        | 1306.00                       | 2,178.62          | No     |
| 19           | 42.50                     | 48.33              | 85.76               | 24.00         | 0.8164              | 2.375             | 1,672.26        | 1306.00                       | 2,183.97          | No     |
| 20           | 42.32                     | 48.15              | 87.90               | 24.00         | 0.8164              | 2.375             | 1,662.26        | 1306.00                       | 2,170.91          | No     |
| 21           | 42.03                     | 47.85              | 84.94               | 24.00         | 0.8164              | 2.375             | 1,655.73        | 1306.00                       | 2,162.38          | No     |
| 22           | 41.23                     | 47.17              | 86.14               | 24.00         | 0.8164              | 2.375             | 1,611.80        | 1306.00                       | 2,105.01          | No     |
| 23           | 40.25                     | 46.12              | 84.71               | 24.00         | 0.8164              | 2.375             | 1,535.52        | 1306.00                       | 2,005.39          | No     |
| 24           | 41.86                     | 47.76              | 90.05               | 24.00         | 0.8164              | 2.375             | 1,642.10        | 1306.00                       | 2,144.58          | No     |
| 25           | 41.41                     | 47.27              | 85.78               | 24.00         | 0.8164              | 2.375             | 1,632.53        | 1306.00                       | 2,132.09          | No     |
| 26           | 41.57                     | 47.40              | 87.47               | 24.00         | 0.8164              | 2.375             | 1,634.71        | 1306.00                       | 2,134.93          | No     |
| 27           | 41.57                     | 47.45              | 89.98               | 24.00         | 0.8164              | 2.375             | 1,632.34        | 1306.00                       | 2,131.83          | No     |
| 28           | 40.78                     | 46.55              | 84.24               | 24.00         | 0.8164              | 2.375             | 1,609.41        | 1306.00                       | 2,101.88          | No     |
| 29           | 40.17                     | 46.06              | 88.50               | 24.00         | 0.8164              | 2.375             | 1,583.51        | 1306.00                       | 2,068.06          | No     |
| 30           | 40.41                     | 46.27              | 87.55               | 24.00         | 0.8164              | 2.375             | 1,592.94        | 1306.00                       | 2,080.38          | No     |
| 31           | 41.00                     | 46.98              | 87.47               | 24.00         | 0.8164              | 2.375             | 1,616.30        | 1306.00                       | 2,110.89          | No     |
| <b>TOTAL</b> | 42.80                     | 48.54              | 88.56               | 744.00        | 0.8164              |                   | 51,617.21       |                               | 67,412.08         |        |

| 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 | 1358 MCF/D                                 | 10/20/2021   | Continuous | ACO Requested   |
| OSAGE BOYD 15 FED 09.12.13.14 TANK BATTERY  | 32.652839 | -104.478905 | 1551 MCF/D                                 | 10/20/2021   | Continuous | ACO Requested   |
| LAKEWOOD FEDERAL COM NORTH BATTERY          | 32.625808 | -104.469155 | 2824 MCF/D                                 | 10/20/2021   | Continuous | ACO Requested   |
| LAKEWOOD FEDERAL COM SOUTH BATTERY          | 32.608649 | -104.479201 | 1575 MCF/D                                 | 10/20/2021   | Continuous | ACO Requested   |
| DORAMI 33 FEDERAL COM 2H.4H.9H TANK BATTERY | 32.614416 | -104.478493 | 679 MCF/D                                  | 10/20/2021   | Continuous | ACO Requested   |
| LIVE OAK TANK BATTERY                       | 32.63657  | -104.46929  | 1018 MCF/D                                 | 10/20/2021   | Continuous | ACO Requested   |
| MORRIS BOYD TANK BATTERY                    | 32.64057  | -104.45889  | 921 MCF/D                                  | 10/20/2021   | Continuous | Gas Rerouted    |
| GOODMAN 22 TANK BATTERY                     | 32.64524  | -104.47354  | 1394 MCF/D                                 | 10/20/2021   | Continuous | Gas Rerouted    |
| B&B ROSS RANCH OIL TANK BATTERY             | 32.648341 | -104.479356 | 579 MCF/D                                  | 10/20/2021   | Continuous | Gas Rerouted    |
| ARKANSAS STATE 23 TANK BATTERY              | 32.64708  | -104.45659  | 62 MCF/D                                   | 10/20/2021   | 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 57072

**QUESTIONS**

|                                                                                 |                                                        |
|---------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>Spur Energy Partners LLC<br>9655 Katy Freeway<br>Houston, TX 77024 | OGRID:<br>328947                                       |
|                                                                                 | Action Number:<br>57072                                |
|                                                                                 | 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 | [fAPP2119030587] Shelby 23 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                                     | 68     |
| Nitrogen (N2) percentage, if greater than one percent        | 1      |
| Hydrogen Sulfide (H2S) PPM, rounded up                       | 10,000 |
| Carbon Dioxide (CO2) percentage, if greater than one percent | 3      |
| 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 | 10/20/2021 |
| 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: 1,358 Mcf   Recovered: 0 Mcf   Lost: 1,358 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 57072

CONDITIONS

|                                                                                 |                                                        |
|---------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>Spur Energy Partners LLC<br>9655 Katy Freeway<br>Houston, TX 77024 | OGRID:<br>328947                                       |
|                                                                                 | Action Number:<br>57072                                |
|                                                                                 | 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. | 10/20/2021     |