

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

May, 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            | 38.54                     | 44.62              | 80.10               | 24.00         | 0.8164              | 2.375             | 1,534.72        | 1306.00                       | 2,004.35          | No     |
| 2            | 38.13                     | 44.25              | 82.04               | 24.00         | 0.8164              | 2.375             | 1,520.96        | 1306.00                       | 1,986.38          | No     |
| 3            | 41.99                     | 47.68              | 80.00               | 24.00         | 0.8164              | 2.375             | 1,658.34        | 1306.00                       | 2,165.79          | No     |
| 4            | 42.56                     | 48.24              | 82.53               | 24.00         | 0.8164              | 2.375             | 1,676.48        | 1306.00                       | 2,189.49          | No     |
| 5            | 42.82                     | 48.49              | 85.87               | 24.00         | 0.8164              | 2.375             | 1,679.69        | 1306.00                       | 2,193.68          | No     |
| 6            | 43.89                     | 49.60              | 88.85               | 24.00         | 0.8164              | 2.375             | 1,716.10        | 1306.00                       | 2,241.22          | No     |
| 7            | 43.56                     | 49.26              | 90.21               | 24.00         | 0.8164              | 2.375             | 1,701.97        | 1306.00                       | 2,222.77          | No     |
| 8            | 43.78                     | 49.51              | 90.01               | 24.00         | 0.8164              | 2.375             | 1,710.98        | 1306.00                       | 2,234.54          | No     |
| 9            | 43.86                     | 49.58              | 89.88               | 24.00         | 0.8164              | 2.375             | 1,714.14        | 1306.00                       | 2,238.66          | No     |
| 10           | 43.24                     | 48.92              | 83.46               | 24.00         | 0.8164              | 2.375             | 1,700.15        | 1306.00                       | 2,220.40          | No     |
| 11           | 42.40                     | 48.08              | 79.91               | 24.00         | 0.8164              | 2.375             | 1,674.82        | 1306.00                       | 2,187.32          | No     |
| 12           | 42.01                     | 47.57              | 78.16               | 24.00         | 0.8164              | 2.375             | 1,661.23        | 1306.00                       | 2,169.56          | No     |
| 13           | 43.20                     | 48.88              | 81.79               | 24.00         | 0.8164              | 2.375             | 1,701.74        | 1306.00                       | 2,222.48          | No     |
| 14           | 43.57                     | 49.27              | 84.84               | 24.00         | 0.8164              | 2.375             | 1,710.91        | 1306.00                       | 2,234.45          | No     |
| 15           | 43.83                     | 49.56              | 84.72               | 24.00         | 0.8164              | 2.375             | 1,721.13        | 1306.00                       | 2,247.79          | No     |
| 16           | 44.61                     | 50.36              | 89.14               | 24.00         | 0.8164              | 2.375             | 1,743.08        | 1306.00                       | 2,276.46          | No     |
| 17           | 44.51                     | 50.25              | 88.13               | 24.00         | 0.8164              | 2.375             | 1,740.92        | 1306.00                       | 2,273.64          | No     |
| 18           | 44.56                     | 50.41              | 87.84               | 24.00         | 0.8164              | 2.375             | 1,745.12        | 1306.00                       | 2,279.12          | No     |
| 19           | 45.03                     | 50.87              | 90.34               | 24.00         | 0.8164              | 2.375             | 1,758.31        | 1306.00                       | 2,296.36          | No     |
| 20           | 44.99                     | 50.84              | 91.33               | 24.00         | 0.8164              | 2.375             | 1,755.45        | 1306.00                       | 2,292.61          | No     |
| 21           | 45.14                     | 51.12              | 90.00               | 24.00         | 0.8164              | 2.375             | 1,765.56        | 1306.00                       | 2,305.83          | No     |
| 22           | 44.65                     | 50.55              | 81.47               | 24.00         | 0.8164              | 2.375             | 1,759.92        | 1306.00                       | 2,298.46          | No     |
| 23           | 44.51                     | 50.53              | 89.53               | 24.00         | 0.8164              | 2.375             | 1,743.69        | 1306.00                       | 2,277.26          | No     |
| 24           | 44.92                     | 50.83              | 90.12               | 24.00         | 0.8164              | 2.375             | 1,755.87        | 1306.00                       | 2,293.16          | No     |
| 25           | 45.14                     | 51.04              | 94.07               | 24.00         | 0.8164              | 2.375             | 1,757.61        | 1306.00                       | 2,295.43          | No     |
| 26           | 44.96                     | 50.85              | 91.18               | 24.00         | 0.8164              | 2.375             | 1,755.07        | 1306.00                       | 2,292.12          | No     |
| 27           | 42.88                     | 48.80              | 93.79               | 24.00         | 0.8164              | 2.375             | 1,673.17        | 1306.00                       | 2,185.16          | No     |
| 28           | 39.43                     | 45.51              | 90.97               | 24.00         | 0.8164              | 2.375             | 1,498.62        | 1306.00                       | 1,957.19          | No     |
| 29           | 42.58                     | 48.51              | 86.67               | 24.00         | 0.8164              | 2.375             | 1,674.79        | 1306.00                       | 2,187.27          | No     |
| 30           | 40.14                     | 46.17              | 84.49               | 24.00         | 0.8164              | 2.375             | 1,571.42        | 1306.00                       | 2,052.27          | No     |
| 31           | 41.23                     | 46.91              | 79.46               | 24.00         | 0.8164              | 2.375             | 1,632.61        | 1306.00                       | 2,132.19          | No     |
| <b>TOTAL</b> | 43.20                     | 49.01              | 86.56               | 744.00        | 0.8164              |                   | 52,414.56       |                               | 68,453.42         |        |

| 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  | 1047 MCF/D                                 | 8/7/2021     | Continuous | ACO Requested   |
| ROSS RANCH 09.13.14 BATTERY                 | 32.636187  | -104.47781   | 1415 MCF/D                                 | 8/7/2021     | Continuous | ACO Requested   |
| OSAGE BOYD 15 FED 09.12.13.14 TANK BATTERY  | 32.652839  | -104.478905  | 1041 MCF/D                                 | 8/7/2021     | Continuous | ACO Requested   |
| LAKEWOOD FEDERAL COM NORTH BATTERY          | 32.625808  | -104.469155  | 2615 MCF/D                                 | 8/7/2021     | Continuous | ACO Requested   |
| LAKEWOOD FEDERAL COM SOUTH BATTERY          | 32.608649  | -104.479201  | 1695 MCF/D                                 | 8/7/2021     | Continuous | ACO Requested   |
| DORAMI 33 FEDERAL COM 2H.4H.9H TANK BATTERY | 32.614416  | -104.478493  | 803 MCF/D                                  | 8/7/2021     | Continuous | ACO Requested   |
| HUBER 10, 11, 12 FEDERAL OIL TANK BATTERY   | 32.610648  | -104.472851  | 808 MCF/D                                  | 8/7/2021     | Continuous | ACO Requested   |
| JG STATE 16 7 TANK BATTERY                  | 32.8357887 | -103.7768707 | 97 MCF/D                                   | 8/7/2021     | Continuous | Gas Rerouted    |
| JG STATE 16 1 TANK BATTERY                  | 32.8284187 | -103.7790146 | 136 MCF/D                                  | 8/7/2021     | 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 42002

**QUESTIONS**

|                                                                                 |                                                        |
|---------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>Spur Energy Partners LLC<br>9655 Katy Freeway<br>Houston, TX 77024 | OGRID:<br>328947                                       |
|                                                                                 | Action Number:<br>42002                                |
|                                                                                 | 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     | [30-015-46624] SHELBY 23 #002H |
| Incident Facility | Not answered.                  |

**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                                     | 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 | 08/07/2021 |
| 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: 1,047 Mcf   Recovered: 0 Mcf   Lost: 1,047 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 42002

CONDITIONS

|                                                                                 |                                                        |
|---------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>Spur Energy Partners LLC<br>9655 Katy Freeway<br>Houston, TX 77024 | OGRID:<br>328947                                       |
|                                                                                 | Action Number:<br>42002                                |
|                                                                                 | 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. | 8/16/2021      |