

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

May, 2021

Meter #: 79410102

Name: Ross Ranch HP 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+   |
|-----------|----------|--------------|--------|----------|-------|-----------------|--------|--------------|-------|-------------|-------|-------|-------|
| 3.028     | 2.516    | 0.000        | 2.6586 | 0.000    | 0.000 | 64.576          | 14.108 | 8.241        | 1.046 | 2.344       | 0.526 | 0.467 | 0.492 |
| Tube I.D. | Interval | Tap Location |        | Tap Type |       | Atmos. Pressure |        | Calc. Method |       | Fpv Method  |       |       |       |
| 4.026 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            | 12.56                     | 38.74              | 75.47               | 24.00         | 0.8116              | 2.625             | 906.79          | 1293.10                       | 1,172.57          | No     |
| 2            | 13.00                     | 38.39              | 79.95               | 24.00         | 0.8116              | 2.625             | 914.26          | 1293.10                       | 1,182.23          | No     |
| 3            | 13.27                     | 38.26              | 75.91               | 24.00         | 0.8116              | 2.625             | 925.30          | 1293.10                       | 1,196.50          | No     |
| 4            | 13.23                     | 38.51              | 72.08               | 24.00         | 0.8116              | 2.625             | 930.62          | 1293.10                       | 1,203.39          | No     |
| 5            | 13.68                     | 38.43              | 79.63               | 24.00         | 0.8116              | 2.625             | 938.13          | 1293.10                       | 1,213.10          | No     |
| 6            | 13.66                     | 38.39              | 79.28               | 24.00         | 0.8116              | 2.625             | 937.32          | 1293.10                       | 1,212.05          | No     |
| 7            | 14.22                     | 38.24              | 84.86               | 24.00         | 0.8116              | 2.625             | 949.18          | 1293.10                       | 1,227.39          | No     |
| 8            | 14.23                     | 38.08              | 83.57               | 24.00         | 0.8116              | 2.625             | 948.94          | 1293.10                       | 1,227.08          | No     |
| 9            | 10.53                     | 37.80              | 82.42               | 24.00         | 0.8116              | 2.625             | 749.92          | 1293.10                       | 969.72            | No     |
| 10           | 10.74                     | 37.87              | 78.63               | 24.00         | 0.8116              | 2.625             | 827.07          | 1293.10                       | 1,069.49          | No     |
| 11           | 10.83                     | 37.97              | 74.14               | 24.00         | 0.8116              | 2.625             | 822.66          | 1293.10                       | 1,063.78          | No     |
| 12           | 14.64                     | 38.30              | 68.19               | 24.00         | 0.8116              | 2.625             | 916.75          | 1293.10                       | 1,185.46          | No     |
| 13           | 21.77                     | 38.43              | 74.94               | 24.00         | 0.8116              | 2.625             | 1,160.78        | 1293.10                       | 1,501.00          | No     |
| 14           | 19.40                     | 38.18              | 79.90               | 24.00         | 0.8116              | 2.625             | 1,109.54        | 1293.10                       | 1,434.75          | No     |
| 15           | 20.17                     | 38.01              | 79.70               | 24.00         | 0.8116              | 2.625             | 1,129.64        | 1293.10                       | 1,460.73          | No     |
| 16           | 21.23                     | 37.96              | 81.87               | 24.00         | 0.8116              | 2.625             | 1,155.34        | 1293.10                       | 1,493.97          | No     |
| 17           | 21.66                     | 37.87              | 81.68               | 24.00         | 0.8116              | 2.625             | 1,165.64        | 1293.10                       | 1,507.29          | No     |
| 18           | 21.95                     | 37.86              | 79.61               | 24.00         | 0.8116              | 2.625             | 1,175.54        | 1293.10                       | 1,520.09          | No     |
| 19           | 22.52                     | 37.84              | 82.86               | 24.00         | 0.8116              | 2.625             | 1,186.45        | 1293.10                       | 1,534.20          | No     |
| 20           | 22.98                     | 37.91              | 84.92               | 24.00         | 0.8116              | 2.625             | 1,197.39        | 1293.10                       | 1,548.34          | No     |
| 21           | 23.28                     | 38.12              | 84.30               | 24.00         | 0.8116              | 2.625             | 1,209.13        | 1293.10                       | 1,563.52          | No     |
| 22           | 23.19                     | 38.15              | 79.04               | 24.00         | 0.8116              | 2.625             | 1,213.21        | 1293.10                       | 1,568.80          | No     |
| 23           | 23.73                     | 38.19              | 83.78               | 24.00         | 0.8116              | 2.625             | 1,222.06        | 1293.10                       | 1,580.24          | No     |
| 24           | 24.45                     | 38.18              | 85.19               | 24.00         | 0.8116              | 2.625             | 1,238.32        | 1293.10                       | 1,601.27          | No     |
| 25           | 25.14                     | 38.19              | 85.76               | 24.00         | 0.8116              | 2.625             | 1,254.95        | 1293.10                       | 1,622.77          | No     |
| 26           | 25.18                     | 38.20              | 84.41               | 24.00         | 0.8116              | 2.625             | 1,257.88        | 1293.10                       | 1,626.56          | No     |
| 27           | 25.73                     | 38.23              | 85.76               | 24.00         | 0.8116              | 2.625             | 1,270.00        | 1293.10                       | 1,642.24          | No     |
| 28           | 25.77                     | 38.28              | 84.14               | 24.00         | 0.8116              | 2.625             | 1,273.65        | 1293.10                       | 1,646.96          | No     |
| 29           | 24.40                     | 38.28              | 80.61               | 24.00         | 0.8116              | 2.625             | 1,228.95        | 1293.10                       | 1,589.16          | No     |
| 30           | 26.00                     | 38.36              | 80.20               | 24.00         | 0.8116              | 2.625             | 1,285.05        | 1293.10                       | 1,661.70          | No     |
| 31           | 26.11                     | 38.46              | 74.99               | 24.00         | 0.8116              | 2.625             | 1,296.07        | 1293.10                       | 1,675.94          | No     |
| <b>TOTAL</b> | 20.14                     | 38.18              | 80.54               | 744.00        | 0.8116              |                   | 33,796.53       |                               | 43,702.29         |        |

| 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 | 1634 MCF/D                                 | 7/28/2021    | Continuous | ACO Requested   |
| ROSS RANCH 09.13.14 BATTERY                 | 32.636187 | -104.47781  | 1417 MCF/D                                 | 7/28/2021    | Continuous | ACO Requested   |
| OSAGE BOYD 15 FED 09.12.13.14 TANK BATTERY  | 32.652839 | -104.478905 | 1144 MCF/D                                 | 7/28/2021    | Continuous | ACO Requested   |
| LAKEWOOD FEDERAL COM NORTH BATTERY          | 32.625808 | -104.469155 | 2352 MCF/D                                 | 7/28/2021    | Continuous | ACO Requested   |
| LAKEWOOD FEDERAL COM SOUTH BATTERY          | 32.608649 | -104.479201 | 1852 MCF/D                                 | 7/28/2021    | Continuous | ACO Requested   |
| DORAMI 33 FEDERAL COM 2H.4H.9H TANK BATTERY | 32.614416 | -104.478493 | 835 MCF/D                                  | 7/28/2021    | Continuous | ACO Requested   |
| HUBER 10, 11, 12, FED OIL TANK BATTERY      | 32.610648 | -104.472851 | 184 MCF/D                                  | 7/28/2021    | Continuous | ACO Requested   |

**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 38470

**QUESTIONS**

|           |                                                                    |                |                                        |
|-----------|--------------------------------------------------------------------|----------------|----------------------------------------|
| Operator: | Spur Energy Partners LLC<br>9655 Katy Freeway<br>Houston, TX 77024 | OGRID:         | 328947                                 |
|           |                                                                    | Action Number: | 38470                                  |
|           |                                                                    | Action Type:   | [C-129] Venting and/or Flaring (C-129) |

**QUESTIONS****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 or flaring caused by an emergency or malfunction                                                                                                                                                                                                                  | No                                                                            |
| Did or will this venting 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 or flaring                                                                                                                                                                                                         | Yes, answer to "eight hours or more" suggests this is at least a minor event. |
| <b>The operator shall file a form C-141 instead of a form C-129 for a release that includes liquid during venting or flaring that is or may be a major or minor release under 19.13.29.7 NMAC.</b>                                                                                       |                                                                               |
| Was there or will there be at least 50 MCF of natural gas vented or flared during this event                                                                                                                                                                                             | No                                                                            |
| Did this venting 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                                                                            |

**Unregistered Facility Site**

Please provide the facility details, if the venting or flaring occurred or is occurring at a facility that does not have an Facility ID (##) yet.

|                       |                             |
|-----------------------|-----------------------------|
| Facility or Site Name | ROSS RANCH 09.13.14 BATTERY |
| Facility Type         | Tank Battery - (TB)         |

**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                                                                                                             | 65            |
| Nitrogen (N2) percentage, if greater than one percent                                                                                | 3             |
| Hydrogen Sulfide (H2S) PPM, rounded up                                                                                               | 26,586        |
| Carbon Dioxide (CO2) percentage, if greater than one percent                                                                         | 3             |
| Oxygen (O2) percentage, if greater than one percent                                                                                  | 0             |
| <b>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</b> |               |
| 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 or flaring was discovered or commenced                                 | 07/28/2021 |
| Time venting or flaring was discovered or commenced                                 | 12:00 AM   |
| Is the venting or flaring event complete                                            | Yes        |
| Date venting or flaring was terminated                                              | 07/29/2021 |
| Time venting or flaring was terminated                                              | 12:00 AM   |
| Total duration of venting or flaring in hours, if venting or flaring has terminated | 24         |
| Longest duration of cumulative hours within any 24-hour period 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   Spilled: 0 Mcf   Recovered: 0 Mcf   Lost: 0 Mcf                                                                                |
| Other Released Details                                                 | Not answered.                                                                                                                                                                                                  |
| Additional details for Measured or Estimated Volume(s). Please specify | 1417 mcf/day flared. "Was there or will there be at least 50 mcf of natural gas vented or flared during this event" doesn't seem to work when marked yes. Yes, there was over 50 mcf flared during this event. |
| Is this a gas only submission (i.e. only Mcf values reported)          | More volume information must be supplied to determine if this will be treated as a "gas only" report.                                                                                                          |

**Venting or Flaring Resulting from Downstream Activity**

|                                                                        |               |
|------------------------------------------------------------------------|---------------|
| Was or is this venting or flaring a result of downstream activity      | Not answered. |
| Date notified of downstream activity requiring this venting or flaring | Not answered. |
| Time notified of downstream activity requiring this venting 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 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 or flaring                                         | Executed contract with midstream company to gather gas by 12/1/2021. |

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CONDITIONS

Action 38470

**CONDITIONS**

|                                                                                 |                                                        |
|---------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>Spur Energy Partners LLC<br>9655 Katy Freeway<br>Houston, TX 77024 | OGRID:<br>328947                                       |
|                                                                                 | Action Number:<br>38470                                |
|                                                                                 | Action Type:<br>[C-129] Venting and/or Flaring (C-129) |

**CONDITIONS**

| Created By | Condition                                                                                                                                                                            | Condition Date |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| system     | If the information provided in this report requires an amendment, submit a [C-129] Request to Amend Venting and/or Flaring Incident, utilizing your incident number from this event. | 7/29/2021      |