

# 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:

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 (In. H2O)	Pressure (psia)	Temperature (°F)	Hours Flow	Relative Density	Plate (inches)	Volume (Mcf)	Heating Value (Btu/scf)	Energy (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>	<b>43.20</b>	<b>49.01</b>	<b>86.56</b>	<b>744.00</b>	<b>0.8164</b>		<b>52,414.56</b>		<b>68,453.42</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	1349 MCF/D	8/15/2021	Continuous	ACO Requested
ROSS RANCH 09.13.14 BATTERY	32.636187	-104.47781	1451 MCF/D	8/15/2021	Continuous	ACO Requested
OSAGE BOYD 15 FED 09.12.13.14 TANK BATTERY	32.652839	-104.478905	917 MCF/D	8/15/2021	Continuous	ACO Requested
LAKEWOOD FEDERAL COM NORTH BATTERY	32.625808	-104.469155	2973 MCF/D	8/15/2021	Continuous	ACO Requested
LAKEWOOD FEDERAL COM SOUTH BATTERY	32.608649	-104.479201	1639 MCF/D	8/15/2021	Continuous	ACO Requested
DORAMI 33 FEDERAL COM 2H.4H.9H TANK BATTERY	32.614416	-104.478493	861 MCF/D	8/15/2021	Continuous	ACO Requested
HUBER 10, 11, 12 FEDERAL OIL TANK BATTERY	32.610648	-104.472851	859 MCF/D	8/15/2021	Continuous	ACO Requested

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
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**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 44381

**QUESTIONS**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 44381
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

<b>Prerequisites</b>	
<i>Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.</i>	
Incident Well	Not answered.
Incident Facility	[fAPP2119030587] Shelby 23 Tank Battery

<b>Determination of Reporting Requirements</b>	
<i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i>	
Was or is this venting and/or flaring caused by an emergency or malfunction	No
Did or will this venting and/or flaring last eight hours or more cumulatively within any 24-hour period from a single event	Yes
Is this considered a submission for a notification of a major venting and/or flaring	Yes, major venting and/or flaring of natural gas.
<i>An operator shall file a form C-141 instead of a form C-129 for a release that, includes liquid during venting and/or flaring that is or may be a major or minor release under 19.15.29.7 NMAC.</i>	
Was there or will there be at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this venting and/or flaring result in the release of 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

<b>Equipment Involved</b>	
Primary Equipment Involved	Not answered.
Additional details for Equipment Involved. Please specify	Not answered.

<b>Representative Compositional Analysis of Vented or Flared Natural Gas</b>	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	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
<i>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</i>	
Methane (CH4) percentage quality requirement	Not answered.
Nitrogen (N2) percentage quality requirement	Not answered.
Hydrogen Sulfide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (CO2) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

<b>Date(s) and Time(s)</b>	
Date venting and/or flaring was discovered or commenced	08/15/2021
Time venting and/or flaring was discovered or commenced	12:00 AM
Time venting and/or flaring was terminated	12:00 AM
Cumulative hours during this event	24

<b>Measured or Estimated Volume of Vented or Flared Natural Gas</b>	
Natural Gas Vented (Mcf) Details	Not answered.

Natural Gas Flared (Mcf) Details	Cause: Pipeline Quality Specifications   Other (Specify)   Natural Gas Flared   Released: 1,349 Mcf   Recovered: 0 Mcf   Lost: 1,349 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  
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Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 44381
	Action Type: [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.	8/25/2021