

# GAS VOLUME STATEMENT

Spur Energy

April, 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:

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	12.990 psi		AGA3-1992	AGA8-Detail					

Day	Differential (ln. H2O)	Pressure (psia)	Temperature (°F)	Hours Flow	Relative Density	Plate (inches)	Volume (Mcf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1	2.45	47.31	61.48	24.00	0.8116	2.625	445.98	1293.10	576.69	No
2	2.68	47.34	71.55	24.00	0.8116	2.625	467.05	1293.10	603.94	No
3	2.72	47.34	72.98	24.00	0.8116	2.625	469.28	1293.10	606.83	No
4	2.74	47.35	72.36	24.00	0.8116	2.625	471.60	1293.10	609.83	No
5	2.82	47.17	75.41	24.00	0.8116	2.625	476.14	1293.10	615.70	No
6	2.91	47.00	78.64	24.00	0.8116	2.625	481.43	1293.10	622.53	No
7	2.88	47.05	75.16	24.00	0.8116	2.625	480.77	1293.10	621.68	No
8	2.73	46.91	76.96	23.86	0.8116	2.625	462.69	1293.10	598.31	No
9	2.71	46.73	74.71	24.00	0.8116	2.625	464.93	1293.10	601.20	No
10	2.67	46.73	67.87	24.00	0.8116	2.625	464.78	1293.10	601.01	No
11	2.78	46.65	75.68	24.00	0.8116	2.625	469.85	1293.10	607.56	No
12	2.62	46.67	67.51	24.00	0.8116	2.625	460.14	1293.10	595.01	No
13	8.60	47.12	67.78	23.99	0.8116	2.625	651.65	1293.10	842.64	No
14	8.61	47.31	68.98	23.99	0.8116	2.625	824.12	1293.10	1,065.67	No
15	6.69	47.32	62.89	23.99	0.8116	2.625	730.70	1293.10	944.87	No
16	7.70	43.71	68.34	23.81	0.8116	2.625	696.46	1293.10	900.59	No
17	9.03	38.77	63.86	24.00	0.8116	2.625	778.94	1293.10	1,007.25	No
18	9.47	39.00	65.70	24.00	0.8116	2.625	798.15	1293.10	1,032.09	No
19	10.01	39.02	70.61	24.00	0.8116	2.625	817.01	1293.10	1,056.48	No
20	9.86	39.06	63.60	24.00	0.8116	2.625	816.72	1293.10	1,056.10	No
21	10.19	39.23	62.97	24.00	0.8116	2.625	832.17	1293.10	1,076.08	No
22	10.50	39.40	69.59	24.00	0.8116	2.625	841.36	1293.10	1,087.96	No
23	11.11	39.32	74.49	24.00	0.8116	2.625	860.52	1293.10	1,112.74	No
24	11.26	39.40	75.41	24.00	0.8116	2.625	866.16	1293.10	1,120.04	No
25	11.55	39.16	79.03	24.00	0.8116	2.625	871.39	1293.10	1,126.79	No
26	11.71	38.85	77.67	24.00	0.8116	2.625	875.12	1293.10	1,131.62	No
27	11.99	38.73	78.76	24.00	0.8116	2.625	883.22	1293.10	1,142.09	No
28	11.84	38.77	69.63	24.00	0.8116	2.625	886.01	1293.10	1,145.70	No
29	11.38	39.11	59.18	24.00	0.8116	2.625	881.28	1293.10	1,139.59	No
30	12.11	39.04	70.22	24.00	0.8116	2.625	898.44	1293.10	1,161.77	No
<b>TOTAL</b>	<b>8.23</b>	<b>42.29</b>	<b>70.39</b>	<b>719.63</b>	<b>0.8116</b>		<b>20,424.08</b>		<b>26,410.37</b>	

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Closed Data

Artesia-East

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Status: In Service    WV Technique:

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							
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	19.68	22.08	42.95	1.44	0.8116	1.750	15.89	1293.10	20.55	No
2	0.42	21.25	68.84	0.81	0.8116	1.750	1.75	1293.10	2.27	No
3	0.48	21.28	69.57	0.81	0.8116	1.750	1.84	1293.10	2.38	No
4	0.49	21.29	69.05	0.80	0.8116	1.750	1.84	1293.10	2.37	No
5	0.47	21.13	77.26	0.92	0.8116	1.750	2.07	1293.10	2.68	No
6	0.45	21.13	79.42	0.95	0.8116	1.750	2.11	1293.10	2.72	No
7	0.49	21.24	74.34	0.89	0.8116	1.750	2.04	1293.10	2.64	No
8	0.96	21.15	78.31	0.71	0.8116	1.750	2.05	1293.10	2.65	No
9	1.01	21.16	76.21	0.73	0.8116	1.750	2.28	1293.10	2.95	No
10	3.68	21.40	56.19	0.77	0.8116	1.750	3.21	1293.10	4.15	No
11	1.01	21.12	76.39	0.75	0.8116	1.750	2.33	1293.10	3.01	No
12	0.95	21.23	65.70	0.62	0.8116	1.750	1.92	1293.10	2.49	No
13	1.11	21.26	63.18	0.66	0.8116	1.750	2.14	1293.10	2.77	No
14	11.15	21.55	66.02	1.12	0.8116	1.750	9.56	1293.10	12.36	No
15	13.13	21.56	54.85	1.37	0.8116	1.750	13.36	1293.10	17.27	No
16	51.12	21.93	75.39	1.25	0.8116	1.750	13.19	1293.10	17.05	No
17	0.47	15.20	51.12	0.40	0.8116	1.750	0.79	1293.10	1.02	No
18	0.55	15.21	51.61	0.50	0.8116	1.750	1.05	1293.10	1.36	No
19	0.52	15.10	61.37	0.35	0.8116	1.750	0.69	1293.10	0.89	No
20	0.33	15.13	61.66	0.04	0.8116	1.750	0.07	1293.10	0.09	No
21	0.38	15.10	60.29	0.16	0.8116	1.750	0.28	1293.10	0.36	No
22	0.38	14.95	68.54	0.35	0.8116	1.750	0.62	1293.10	0.80	No
23	0.41	14.95	76.32	0.29	0.8116	1.750	0.52	1293.10	0.68	No
24	0.39	15.06	74.87	0.28	0.8116	1.750	0.49	1293.10	0.64	No
25	0.41	15.01	82.95	0.39	0.8116	1.750	0.70	1293.10	0.91	No
26	0.42	14.99	78.89	0.35	0.8116	1.750	0.63	1293.10	0.82	No
27	0.39	14.96	79.97	0.38	0.8116	1.750	0.67	1293.10	0.87	No
28	0.40	15.04	66.16	0.24	0.8116	1.750	0.44	1293.10	0.57	No
29	0.35	15.15	53.28	0.15	0.8116	1.750	0.27	1293.10	0.35	No
30	0.41	15.16	65.04	0.33	0.8116	1.750	0.60	1293.10	0.77	No
<b>TOTAL</b>	<b>15.22</b>	<b>21.02</b>	<b>62.89</b>	<b>18.81</b>	<b>0.8116</b>		<b>85.39</b>		<b>110.42</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	1766 MCF/D	6/12/2021	Continuous	ACO Requested
HUBER 10, 11, 12 FEDERAL OIL TANK BATTERY	32.610648	-104.472851	635 MCF/D	6/12/2021	Continuous	ACO Requested
ROSS RANCH 09.13.14 BATTERY	32.636187	-104.47781	1322 MCF/D	6/12/2021	Continuous	ACO Requested
DORAMI 33 FEDERAL COM 2H.4H.9H TANK BATTERY	32.614416	-104.478493	848 MCF/D	6/12/2021	Continuous	ACO Requested
OSAGE BOYD 15 FED 09.12.13.14 TANK BATTERY	32.652839	-104.478905	1424 MCF/D	6/12/2021	Continuous	ACO Requested
LAKEWOOD FEDERAL COM SOUTH BATTERY	32.608649	-104.479201	1975 MCF/D	6/12/2021	Continuous	ACO Requested
LAKEWOOD FEDERAL COM NORTH BATTERY	32.625808	-104.469155	2683 MCF/D	6/12/2021	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 32926

## QUESTIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 32926
	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	Not answered.
Prerequisite conflict detected	<b>The following conflicts were detected and must be resolved to submit this application:</b> • identify the well and/or facility involved in the venting and/or flaring.

<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	<b>Yes, answer to "eight hours or more" suggests this is at least a minor event.</b>
<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	No
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 within 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	Not answered.

<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	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
<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	06/12/2021
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: 0 Mcf   Recovered: 0 Mcf   Lost: 0 Mcf ]
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	1322 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 significant Mcf values reported)	<b>More info needed to determine if this will be treated as a "gas only" report.</b>

<b>Venting or Flaring Resulting from Downstream Activity</b>	
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.

<b>Steps and Actions to Prevent Waste</b>	
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 32926

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Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 32926
	Action Type: [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.	6/21/2021