

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:

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		12.990 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	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	471.80	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
TOTAL	8.23	42.29	70.39	719.63	0.8116		20,424.08		26,410.37	

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Artesia-East

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HV Cond:

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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			
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
TOTAL	15.22	21.02	62.89	18.81	0.8116		85.39		110.42	

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	1678 MCF/D	6/15/2021	Continuous	ACO Requested
HUBER 10, 11, 12 FEDERAL OIL TANK BATTERY	32.610648	-104.472851	674 MCF/D	6/15/2021	Continuous	ACO Requested
ROSS RANCH 09.13.14 BATTERY	32.636187	-104.47781	1369 MCF/D	6/15/2021	Continuous	ACO Requested
DORAMI 33 FEDERAL COM 2H.4H.9H TANK BATTERY	32.614416	-104.478493	926 MCF/D	6/15/2021	Continuous	ACO Requested
OSAGE BOYD 15 FED 09.12.13.14 TANK BATTERY	32.652839	-104.478905	1345 MCF/D	6/15/2021	Continuous	ACO Requested
LAKEWOOD FEDERAL COM SOUTH BATTERY	32.608649	-104.479201	1914 MCF/D	6/15/2021	Continuous	ACO Requested
LAKEWOOD FEDERAL COM NORTH BATTERY	32.625808	-104.469155	2931 MCF/D	6/15/2021	Continuous	ACO Requested
WELCH A 28 10H.20H.50H CTB	32.8109796	-104.1694138	1377 MCF/D	6/15/2021	Continuous	3rd party tie-in by end of week

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 33343

QUESTIONS

Operator:	Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID:	328947
		Action Number:	33343
		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.
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	
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
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 or flaring was discovered or commenced	06/15/2021
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	06/16/2021
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	1369 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 33343

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Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 33343
	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.	6/23/2021