

**GAS VOLUME STATEMENT****May 2021**

Meter #: 726945-00

Name: Pere Marquette 18 Fed. #1

Closed Data

Standard Conditions

<b>Pressure Base:</b>	14.730 psia	<b>Meter Status:</b>	Active	<b>CO2</b>	<b>N2</b>	<b>C1</b>	<b>C2</b>	<b>C3</b>	<b>IC4</b>	<b>NC4</b>	<b>IC5</b>
<b>Temperature Base:</b>	60.00 °F	<b>Contract Hr.:</b>	Midnight	1.260	1.879	70.806	12.718	6.186	0.737	1.912	0.490
<b>Atmos Pressure:</b>	12.870 psi	<b>Full Wellstream:</b>	No	<b>NC5</b>	<b>neo</b>	<b>C6</b>	<b>C7</b>	<b>C8</b>	<b>C9</b>	<b>C10</b>	
<b>Calc Method:</b>	AGA3-1992	<b>WV Technique:</b>		0.562		0.523	0.483	0.215	0.057		
<b>Z Method:</b>	AGA-8 Detail (1992)	<b>WV Method:</b>		<b>Ar</b>	<b>CO</b>	<b>H2</b>	<b>O2</b>	<b>He</b>	<b>H2O</b>	<b>H2S</b>	<b>H2S ppm</b>
<b>Tube I.D.:</b>	3.0700 in	<b>HV Cond:</b>	Dry								
<b>Tap Location:</b>	Upstream	<b>Meter Type:</b>	EFM						1.776	0.398	4048.000
<b>Tap Type:</b>	Flange	<b>Interval:</b>	1 Hour								

Day	Differential (In. H2O)	Pressure (psia)	Temp. (°F)	Flow Time (hrs)	Relative Density	Plate (inches)	Volume (Mcf)	Heating Value (Btu/scf)	Energy (MMBtu)
1	71.39	32.31	72.19	24.00	0.7969	1.2500	401	1301.13	521
2	63.19	34.81	77.06	24.00	0.7969	1.2500	390	1301.13	509
3	58.79	35.06	74.91	24.00	0.7969	1.2500	378	1301.13	491
4	59.09	34.87	69.96	24.00	0.7969	1.2500	377	1301.13	490
5	60.78	32.16	76.34	24.00	0.7969	1.2500	369	1301.13	480
6	59.36	32.23	81.36	24.00	0.7969	1.2500	362	1301.13	472
7	61.69	31.68	83.46	24.00	0.7969	1.2500	367	1301.13	477
8	62.20	31.31	81.64	24.00	0.7969	1.2500	366	1301.13	476
9	56.23	32.92	81.16	24.00	0.7969	1.2500	357	1301.13	466
10	59.28	32.31	73.80	24.00	0.7969	1.2500	366	1301.13	475
11	51.27	31.50	69.68	24.00	0.7969	1.2500	337	1301.13	439
12	48.50	30.58	67.98	24.00	0.7969	1.2500	325	1301.13	422
13	40.05	34.41	72.03	24.00	0.7969	1.2500	312	1301.13	407
14	36.14	36.31	76.04	24.00	0.7969	1.2500	303	1301.13	393
15	61.64	33.89	76.24	24.00	0.7969	1.2500	375	1301.13	489
16	67.95	33.31	80.70	24.00	0.7969	1.2500	393	1301.13	511
17	115.61	38.85	85.09	24.00	0.7969	1.2500	495	1301.13	644
18	95.71	36.08	78.77	24.00	0.7969	1.2500	484	1301.13	630
19	92.76	34.60	83.81	24.00	0.7969	1.2500	464	1301.13	604
20	75.70	34.44	84.11	24.00	0.7969	1.2500	422	1301.13	548
21	75.62	33.80	84.05	23.90	0.7969	1.2500	400	1301.13	522
22	68.69	32.91	74.81	24.00	0.7969	1.2500	396	1301.13	515
23	60.81	34.46	84.07	24.00	0.7969	1.2500	380	1301.13	494
24	66.66	34.37	86.94	24.00	0.7969	1.2500	394	1301.13	513
25	69.07	34.65	88.83	24.00	0.7969	1.2500	403	1301.13	524
26	61.33	34.45	84.13	24.00	0.7969	1.2500	380	1301.13	495
27	59.67	36.27	86.61	24.00	0.7969	1.2500	379	1301.13	492
28	71.91	35.98	81.10	24.00	0.7969	1.2500	422	1301.13	549
29	58.97	34.94	78.07	24.00	0.7969	1.2500	377	1301.13	490
30	66.10	35.77	75.95	24.00	0.7969	1.2500	406	1301.13	529
31	61.42	35.90	66.94	24.00	0.7969	1.2500	393	1301.13	512
<b>Total</b>	<b>66.64</b>	<b>34.20</b>	<b>78.90</b>	<b>743.90</b>	<b>0.7969</b>		<b>11,973</b>		<b>15,579</b>

Volume at 15.025 = 11,738 Energy = 15,579

**ProdView®****FlareV1**

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Date: 7/4/2021 to 7/4/2021

Unit Battery	Alloc Flare Gas (MCF)
LAKEWOOD NORTH TANK BATTERY	2,727.00
SHELBY 23 TANK BATTERY	1,709.00
LAKEWOOD SOUTH TANK BATTERY	1,678.00
ROSS RANCH 09.13.14 BATTERY	1,524.00
OSAGE BOYD 15 FED 09.12.13.14 TANK BATTERY	884.00
DORAMI 33 FEDERAL COM 2H.4H.9H TANK BATTERY	859.00
HUBER 10,11,12 FEDERAL OIL TANK BATTERY	733.00
PERE MARQUETTE 18 FEDERAL 1 TANK BATTERY	367.00

**District I**

1625 N. French Dr., Hobbs, NM 88240  
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**District II**

811 S. First St., Artesia, NM 88210  
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**District III**

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**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 35819

**QUESTIONS**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 35819
	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	Yes
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 19.13.297 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	Pere Marquette 18 Federal 1 Tank 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	72
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	4,048
Carbon Dioxide (CO2) percentage, if greater than one percent	1
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	07/06/2021
Time venting or flaring was discovered or commenced	10:00 AM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	07/06/2021
Time venting or flaring was terminated	10:00 AM
Total duration of venting or flaring in hours, if venting or flaring has terminated	12
Longest duration of cumulative hours within any 24-hour period during this event	12

**Measured or Estimated Volume of Vented or Flared Natural Gas**

Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: High Line Pressure   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	367 mcf 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	Midstream 3rd party curtailments.
Steps taken to limit the duration and magnitude of venting or flaring	Repaired salt block in line.
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	Repaired salt block in line.

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CONDITIONS  
  
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	Action Number: 35819
	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.	7/9/2021