

Strata Production Co.

Operator

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0000	0	
Nitrogen (N2)	5.1240	5.12363	
CO2 (CO2)	0.1090	0.10944	
Methane (C1)	72.6080	72.60904	
Ethane (C2)	11.1670	11.16676	2.9860
Propane (C3)	6.4590	6.45862	1.7790
I-Butane (IC4)	0.7900	0.78982	0.2580
N-Butane (NC4)	1.9240	1.92395	0.6060
I-Pentane (IC5)	0.4850	0.48513	0.1770
N-Pentane (NC5)	0.5140	0.51373	0.1860
Hexanes Plus (C6+)	0.8200	0.81988	0.3560
TOTAL	100.0000	100.0000	6.3480

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

Analyzer Information

Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	Feb 12, 2024

15/16H Flare (1127016)

DateTime	Diff. Pressure (In. H2O)	Static Pressure (PSIA)	Temp (Deg. F)	Volume (MCF)	Flow Rate (MCF/Day)	Energy (MMBtu)	Flow Time (%)	Alarms
2/23/2025 0:00	0	40.5	32.27	0	0	0	0	LC ZF
2/23/2025 1:00	0	40.89	29.7	0	0	0	0	LC ZF
2/23/2025 2:00	0	41.79	27.96	0	0	0	0	LC ZF
2/23/2025 3:00	0	43.08	27.11	0	0	0	0	LC ZF
2/23/2025 4:00	0	46.36	26.64	0	0	0	0	LC ZF
2/23/2025 5:00	0	48.46	26.1	0	0	0	0	LC ZF
2/23/2025 6:00	0	51.94	26.82	0	0	0	0	LC ZF
2/23/2025 7:00	0	57.38	36.21	0	0	0	0	LC ZF DL
2/23/2025 8:00	0	79.57	55.52	0	0	0	0	LC ZF DL
2/23/2025 9:00	0.5	113.63	76.4	0	0.02	0	0.03	LC ZF DL
2/23/2025 10:00	15.3	133.79	84.82	8.15	195.56	10.54	62.72	LC ZF DL
2/23/2025 11:00	21.4	134.13	90.23	16.28	390.62	21.06	100	LC
2/23/2025 12:00	28.17	134.57	93.19	18.53	444.77	23.98	100	LC
2/23/2025 13:00	28.01	134.42	89.36	18.49	443.69	23.92	100	LC
2/23/2025 14:00	29	134.44	86.34	18.99	455.65	24.57	100	LC
2/23/2025 15:00	18.59	133.27	83.49	15.23	365.61	19.71	100	LC
2/23/2025 16:00	17.06	133.08	79.13	14.65	351.71	18.96	100	LC
2/23/2025 17:00	13.64	132.58	76.31	13.09	314.25	16.94	100	LC
2/23/2025 18:00	11.52	132.34	74.22	11.8	283.3	15.27	100	LC
2/23/2025 19:00	8.53	131.99	70.32	10.04	241.01	12.99	100	LC
2/23/2025 20:00	12.28	132.45	70.74	12.21	293.04	15.8	100	LC
2/23/2025 21:00	13.9	132.53	69.48	13.22	317.28	17.11	100	LC
2/23/2025 22:00	9.21	131.96	66.5	10.79	259.01	13.96	100	LC
2/23/2025 23:00	5.15	131.37	62.6	6.68	160.26	8.64	87.58	LC ZF
Aggregate	9.68	101.1	60.89	188.16	188.16	243.46	56.26	

$$188.16 \times 0.9804 = \underline{184 \text{ mcf}} @ 15.025 \text{ psi}$$

$$56.28\% \times 24 \text{ hrs} = \underline{14 \text{ hrs}}$$

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

DEFINITIONS

Action 435092

DEFINITIONS

Operator: STRATA PRODUCTION CO P.O. Box 1030 Roswell, NM 882021030	OGRID: 21712
	Action Number: 435092
	Action Type: [C-129] Venting and/or Flaring (C-129)

DEFINITIONS

For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application: • this application's operator, hereinafter "this operator"; • venting and/or flaring, hereinafter "vent or flare"; • any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms"; • the statements in (and/or attached to) this, hereinafter "the statements in this"; • and the past tense will be used in lieu of mixed past/present tense questions and statements.

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QUESTIONS

Action 435092

QUESTIONS

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	Action Number: 435092
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Prerequisites <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	Unavailable.
Incident Facility	[fAPP2234236973] FNRU #15H Flare Stack

Determination of Reporting Requirements <i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i>	
Was this vent or flare caused by an emergency or malfunction	Yes
Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event	Yes
Is this considered a submission for a vent or flare event	Yes, minor 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 at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this vent or flare 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 vent or flare within an incorporated municipal boundary or within 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

Equipment Involved	
Primary Equipment Involved	Gas Compressor Station
Additional details for Equipment Involved. Please specify	Not answered.

Representative Compositional Analysis of Vented or Flared Natural Gas <i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	73
Nitrogen (N2) percentage, if greater than one percent	5
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	0
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.

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QUESTIONS, Page 2

Action 435092

QUESTIONS (continued)

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	Action Number: 435092
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	02/23/2025
Time vent or flare was discovered or commenced	10:00 AM
Time vent or flare was terminated	11:59 PM
Cumulative hours during this event	14

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Equipment Failure Producing Well Natural Gas Flared Released: 184 Mcf Recovered: 0 Mcf Lost: 184 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 this vent or flare a result of downstream activity	No
Was notification of downstream activity received by this operator	Not answered.
Downstream OGRID that should have notified this operator	Not answered.
Date notified of downstream activity requiring this vent or flare	Not answered.
Time notified of downstream activity requiring this vent or flare	Not answered.

Steps and Actions to Prevent Waste	
For this event, this operator could not have reasonably anticipated the current event and it was beyond this operator's control.	True
Please explain reason for why this event was beyond this operator's control	Compression at max capacity causing field pressure to back up.
Steps taken to limit the duration and magnitude of vent or flare	Backup system pressure to reduce flare, tried to send excess gas to DCP HP/LP. Shut down Roadrunner 3H,5H,8H, Sandy 1H,3H to reduce field pressure.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Tried to run Sandy compressor but kept going down on low oil pressure due to cold weather.

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ACKNOWLEDGMENTS

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ACKNOWLEDGMENTS

☒	I acknowledge that I am authorized to submit a <i>Venting and/or Flaring</i> (C-129) report on behalf of this operator and understand that this report can be a complete C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
☒	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to this operator) to track any C-129 forms, pursuant to 19.15.27.7 and 19.15.28.8 NMAC and understand that this submission meets the notification requirements of Paragraph (1) of Subsection G and F respectively.
☒	I hereby certify the statements in this report are true and correct to the best of my knowledge and acknowledge that any false statement may be subject to civil and criminal penalties under the Oil and Gas Act.
☒	I acknowledge that the acceptance of any C-129 forms by the OCD does not relieve this operator of liability should their operations have failed to adequately investigate, report, and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment.
☒	I acknowledge that OCD acceptance of any C-129 forms does not relieve this operator of responsibility for compliance with any other applicable federal, state, or local laws and/or regulations.

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CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
strata	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.	2/25/2025