



2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: DR20240153
Cust No: 21300-13610

Well/Lease Information

Customer Name: D.J.R.
Well Name: North Alamito Unit 320H; Well Head
County/State: Sandavol NM
Location:
Lease/PA/CA: NMNM36943
Formation:
Cust. Stn. No.: 550100956

Source: METER RUN
Well Flowing: Y
Pressure: 260 PSIG
Flow Temp: 98.97 DEG. F
Ambient Temp: 68 DEG. F
Flow Rate: 1320.46 MCF/D
Sample Method: Purge & Fill
Sample Date: 08/21/2024
Sample Time: 8.35 AM
Sampled By: Celia L
Sampled by (CO): ABC

Heat Trace: N
Remarks: Per Shawn with Gas Analysis, O2 occupies the same space on the column with Nitrogen

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Helium	0.0000	N/R	0.0000	0.00	0.0000
Nitrogen	1.3093	1.7620	0.1940	0.00	0.0170
CO2	0.3405	0.3410	0.0580	0.00	0.0052
Methane	71.6970	71.8090	12.2030	724.14	0.3971
Ethane	12.6283	12.6480	3.3910	223.48	0.1311
Propane	9.2685	9.2830	2.5640	233.20	0.1411
Iso-Butane	1.0384	1.0400	0.3410	33.77	0.0208
N-Butane	2.1846	2.1880	0.6910	71.27	0.0438
I-Pentane	0.3974	0.3980	0.1460	15.90	0.0099
N-Pentane	0.3355	0.3360	0.1220	13.45	0.0084
C6	0.2779	0.3510	0.1150	13.22	0.0083
C7	0.0498	N/R	0.0230	2.74	0.0017
C8	0.0182	N/R	0.0090	1.13	0.0007
C9P	0.0046	N/R	0.0030	0.32	0.0002
Oxygen	0.4500				
Total	100.0000	100.1560	19.860	1332.63	0.7854

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0042
BTU/CU.FT IDEAL: 1335.7
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1341.3
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1318.0
DRY BTU @ 15.025: 1368.2
REAL SPECIFIC GRAVITY: 0.7884

CYLINDER #: 1447
CYLINDER PRESSURE: 250 PSIG
ANALYSIS DATE: 08/23/2024
ANALYSIS TIME: 12:51:53 AM
ANALYSIS RUN BY: ELAINE MORRISON

GPM, BTU, and SPG calculations as shown above are based on current GPA constants.

GPA Standard: GPA 2286-14

GC: SRI Instruments 8610 Last Cal/Verify: 08/23/2024

GC Method: C9+ Gas



D.J.R.

WELL ANALYSIS COMPARISON

Lease:	North Alamito Unit 320H; Well Head	METER RUN	08/23/2024
Stn. No.:	550100956		21300-13610
Mtr. No.:			

Smpl Date:	08/21/2024
Test Date:	08/23/2024
Run No:	DR20240153
Helium:	0.0000
Nitrogen:	1.7593
CO2:	0.3405
Methane:	71.6970
Ethane:	12.6283
Propane:	9.2685
I-Butane:	1.0384
N-Butane:	2.1846
I-Pentane:	0.3974
N-Pentane:	0.3355
C6:	0.2779
C7:	0.0498
C8:	0.0182
C9P:	0.0046
BTU:	1341.3
GPM:	19.8670
SPG:	0.7884

Location:	NAU 320H	Date:	8/11/2024
Flare Volume (Mcf)	Volume/24 hours	Hours Flared	
71.46	2.9775	1.55	
Nitrogen Mole %	1-Nitrogen	Flared Volume for C-129	
1.6723	0.016723	0.983277	70.3

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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 378869

DEFINITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 378869
	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 378869

QUESTIONS

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QUESTIONS

Prerequisites Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.	
Incident Well	[30-043-21509] N ALAMITO UNIT #320H
Incident Facility	Unavailable.

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 this vent or flare caused by an emergency or malfunction	No
Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event	No
Is this considered a submission for a vent or flare event	Yes, minor venting and/or flaring of natural gas.
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.	
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 withing 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

Equipment Involved	
Primary Equipment Involved	Well
Additional details for Equipment Involved. Please specify	portable flare stack

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	1
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) percentage, if greater than one percent	0
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 Sufide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (C02) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

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QUESTIONS, Page 2

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QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	08/11/2024
Time vent or flare was discovered or commenced	12:00 AM
Time vent or flare was terminated	01:55 AM
Cumulative hours during this event	2

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Other Well Natural Gas Flared Released: 71 Mcf Recovered: 0 Mcf Lost: 71 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	High O2 caused by drill out activity on nearby NAU A19 pad
Steps taken to limit the duration and magnitude of vent or flare	Natural gas was routed to a properly sized flare stack equipped with a continuous pilot until natural gas meets pipeline requirements.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	n/a

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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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	Action Number: 378869
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CONDITIONS

Created By	Condition	Condition Date
Ilain	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.	8/28/2024