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

Analysis No: PD20240069
Cust No: 21250-10756

Well/Lease Information

Customer Name:	DJR Portable VCU	Source:	METER RUN
Well Name:	P03-102H FKA 01H	Well Flowing:	Y
County/State:		Pressure:	62 PSIG
Location:		Flow Temp:	DEG. F
Lease/PA/CA:		Ambient Temp:	64 DEG. F
Formation:		Flow Rate:	MCF/D
Cust. Stn. No.:		Sample Method:	Purge & Fill
		Sample Date:	02/19/2024
		Sample Time:	2.36 PM
		Sampled By:	ERIK
Heat Trace:	N	Sampled by (CO):	ABC
Remarks:			

Analysis

Component::	Mole%:	Unormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	49.1358	44.2740	5.4180	0.00	0.4752
CO2	0.3574	0.3220	0.0610	0.00	0.0054
Methane	30.3578	27.3540	5.1580	306.61	0.1682
Ethane	6.2960	5.6730	1.6880	111.42	0.0654
Propane	8.4555	7.6189	2.3350	212.75	0.1287
Iso-Butane	1.0897	0.9819	0.3570	35.44	0.0219
N-Butane	2.5962	2.3393	0.8200	84.70	0.0521
I-Pentane	0.6280	0.5659	0.2300	25.13	0.0156
N-Pentane	0.6024	0.5428	0.2190	24.15	0.0150
Hexane Plus	0.4812	0.4336	0.2150	25.36	0.0159
Total	100.0000	90.1054	16.5010	825.55	0.9635

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY
**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBLITY FACTOR (1/Z):	1.0025	CYLINDER #:	1495
BTU/CU.FT IDEAL:	827.5	CYLINDER PRESSURE:	62 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	829.5	ANALYIS DATE:	02/19/2024
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	815.1	ANALYIS TIME:	02:36:38 PM
DRY BTU @ 15.025:	846.1	ANALYSIS RUN BY:	HEATHER ALEXANDER
REAL SPECIFIC GRAVITY:	0.9655		

GPM, BTU, and SPG calculations as shown above are based on current GPA constants.
GPA Standard: GPA-2261
GC: Danalyzer Model 500 **Last Cal/Verify: 02/19/2024**
GC Method: C6+ Gas

DJR Portable

WELL ANALYSIS COMPARISON

Lease: VCU P03-01H METER RUN 02/19/2024
Stn. No.: 21250-10756
Mtr. No.:

Smpl Date:	02/19/2024	02/15/2024	01/23/2023	01/16/2023	01/02/2023	12/29/2022	12/26/2022
Test Date:	02/19/2024	02/15/2024	01/23/2023	01/16/2023	01/02/2023	12/29/2022	12/26/2022
Run No:	PD20240069	PD20240050	PD20230115	PD20230086	PD20230007	PD20222520	PD20222496
Nitrogen:	49.1358	14.0301	32.1673	34.5911	54.5388	38.1361	56.5810
CO2:	0.3574	0.3945	0.4875	0.2799	0.3203	0.3508	0.3099
Methane:	30.3578	57.7955	42.6346	38.3897	30.0047	42.3850	28.4836
Ethane:	6.2960	12.0923	7.8333	6.0208	5.5875	7.3494	5.5618
Propane:	8.4555	10.1173	9.3646	9.0591	4.9876	6.3610	4.9929
I-Butane:	1.0897	1.1743	1.3147	1.8590	0.9498	1.2390	0.7777
N-Butane:	2.5962	2.7679	3.3660	5.2096	2.1827	2.7185	1.8868
I-Pentane:	0.6280	0.6258	0.8976	1.4830	0.4690	0.5069	0.4417
N-Pentane:	0.6024	0.5705	0.8750	1.3875	0.4287	0.4440	0.4172
Hexane+:	0.4812	0.4318	1.0594	1.7203	0.5309	0.5093	0.5474
BTU:	829.5	1259.5	1090.7	1166.0	696.4	916.7	664.6
GPM:	16.5010	19.3900	18.1960	18.6070	15.5980	17.0360	15.4000
SPG:	0.9655	0.8678	0.9548	1.0262	0.9367	0.9041	0.9378

	12/05/2022	12/01/2022	11/28/2022	11/24/2022	11/21/2022	11/17/2022	11/15/2022
	12/05/2022	12/01/2022	11/28/2022	11/24/2022	11/21/2022	11/17/2022	11/15/2022
	PD20222348	PD20222319	PD20222288	PD20222258	PD20222226	PD20222193	PD20222161
	48.0304	52.7024	46.2926	59.4031	65.2197	45.1098	30.3459
	0.4113	0.2985	0.2909	0.2525	0.2707	0.3241	0.3247
	33.9662	29.7282	27.8528	23.6085	24.1358	36.5331	41.2617
	7.6866	5.2156	4.1774	3.8244	3.8954	7.0305	8.5770
	6.8227	4.6529	3.6068	3.4066	3.7076	6.2986	7.3359
	0.7323	1.2178	2.4830	0.9574	0.5575	0.9790	1.1318
	1.4933	3.0691	5.9296	2.3727	1.2204	2.3487	2.8280
	0.2817	0.8314	1.5654	0.7016	0.2641	0.5139	1.6533
	0.2467	0.8037	1.3783	0.8770	0.2507	0.4360	1.8650
	0.3288	1.4804	6.4232	4.5962	0.4781	0.4263	4.6767
	765.1	796.7	1185.6	810.1	511.6	824.7	1279.3
	16.1270	16.2240	18.6890	16.2700	14.3600	16.4590	19.4280
	0.9129	0.9817	1.1652	1.0616	0.9307	0.9189	1.0548

DJR Portable

WELL ANALYSIS COMPARISON

Lease: VCU P03-01H METER RUN 02/19/2024

Stn. No.: 21250-10756

Mtr. No.:

11/10/2022	11/08/2022	11/07/2022
11/10/2022	11/08/2022	11/07/2022
PD20222129	PD20222104	PD20222081
69.3846	43.7491	56.9858
0.2749	0.3218	0.2709
19.5642	35.1922	28.1514
3.7053	7.7771	5.4966
3.3944	6.7779	4.9287
0.7234	1.0556	0.7701
1.7635	2.5900	1.8670
0.4001	0.6801	0.4536
0.3646	0.6996	0.4211
0.4250	1.1566	0.6548
484.4	903.3	663.8
14.1990	17.0030	15.3900
0.9577	0.9550	0.9410

Location:	VCU 102H	Date:	2/14/2024
Prams	Prams/24 hours	Hours Flared	Flare Volume (Mcf)
428	17.83333333	24	428
Nitrogen Mole %		1-Nitrogen	Flared Volume for C-129
49.1358	0.491358	0.508642	**217.7**

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District III
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District IV
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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

DEFINITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 319396
	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 319396

QUESTIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 319396
	Action Type: [C-129] Venting and/or Flaring (C-129)

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	**[30-043-21221] VENADO CANYON UNIT #102H**
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 addional 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	Yes
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	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	30
Nitrogen (N2) percentage, if greater than one percent	49
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) percentage, if greater than one percent	0
Oxygen (02) 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 (02) percentage quality requirement	*Not answered.*

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QUESTIONS (continued)

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 319396
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	02/14/2024
Time vent or flare was discovered or commenced	12:00 AM
Time vent or flare was terminated	11:59 PM
Cumulative hours 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: Normal Operations | Well | Natural Gas Flared | Released: 218 Mcf | Recovered: 0 Mcf | Lost: 218 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	N2 clean up from hydraulic fracturing of nearby wells VCU 504H & 506H with N2. DJR intends to flare until natural gas meets pipeline quality specifications.
Steps taken to limit the duration and magnitude of vent or flare	Analysis of natural gas samples will be taken twice per week while natural gas is 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

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 319396
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

☑	I acknowledge that I am authorized to submit a *Venting and/or Flaring* (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

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 319396
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
llain	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.	3/1/2024