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

Analysis No: PD20240027
Cust No: 21250-10736

Well/Lease Information

Customer Name:	DJR Portable	Source:	METER RUN
Well Name:	VCU H14-503H	Well Flowing:	Y
County/State:		Pressure:	48 PSIG
Location:		Flow Temp:	DEG. F
Lease/PA/CA:		Ambient Temp:	43 DEG. F
Formation:		Flow Rate:	MCF/D
Cust. Stn. No.:		Sample Method:	Purge & Fill
		Sample Date:	02/13/2024
		Sample Time:	3.58 PM
		Sampled By:	ERIK
Heat Trace:	N	Sampled by (CO):	ABC
Remarks:			

Analysis

Component::	Mole%:	Unormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	7.0243	6.9760	0.7760	0.00	0.0679
CO2	0.3484	0.3460	0.0600	0.00	0.0053
Methane	64.1630	63.7220	10.9240	648.05	0.3554
Ethane	12.7859	12.6980	3.4340	226.27	0.1327
Propane	9.8124	9.7450	2.7150	246.89	0.1494
Iso-Butane	1.1696	1.1616	0.3840	38.03	0.0235
N-Butane	2.6998	2.6812	0.8550	88.08	0.0542
I-Pentane	0.6091	0.6049	0.2240	24.37	0.0152
N-Pentane	0.5736	0.5697	0.2090	22.99	0.0143
Hexane Plus	0.8139	0.8083	0.3650	42.90	0.0269
Total	100.0000	99.3127	19.9460	1337.58	0.8448

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

COMPRESSIBLITY FACTOR (1/Z):	1.0045	CYLINDER #:	1491
BTU/CU.FT IDEAL:	1340.7	CYLINDER PRESSURE:	48 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1346.7	ANALYIS DATE:	02/13/2024
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1323.3	ANALYIS TIME:	03:51:52 PM
DRY BTU @ 15.025:	1373.7	ANALYSIS RUN BY:	HEATHER ALEXANDER
REAL SPECIFIC GRAVITY:	0.8483		

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: 02/13/2024**
GC Method: C6+ Gas

DJR Portable

WELL ANALYSIS COMPARISON

Lease: VCU H14-503H METER RUN 02/13/2024
Stn. No.: 21250-10736
Mtr. No.:

Smpl Date:	02/13/2024	03/27/2023	03/23/2023	03/20/2023	03/16/2023	03/13/2023	03/09/2023
Test Date:	02/13/2024	03/27/2023	03/23/2023	03/20/2023	03/16/2023	03/13/2023	03/09/2023
Run No:	PD20240027	PD20230689	PD20230669	PD20230645	PD20230623	PD20230588	PD20230575
Nitrogen:	7.0243	18.2491	17.8087	15.2330	14.4030	15.5225	14.1809
CO2:	0.3484	0.4095	0.4187	0.4194	0.4530	0.4210	0.4309
Methane:	64.1630	58.6731	59.9547	60.7665	63.4507	56.4899	52.8077
Ethane:	12.7859	7.4969	7.5675	7.6317	7.9607	8.2500	8.5414
Propane:	9.8124	9.1312	9.1321	9.7925	9.1699	12.1319	14.4453
I-Butane:	1.1696	1.3424	1.1401	1.3942	0.9846	1.7202	2.2255
N-Butane:	2.6998	3.1780	2.7916	3.2146	2.1369	4.1927	5.5337
I-Pentane:	0.6091	0.5407	0.4662	0.5586	0.5183	0.4913	0.7758
N-Pentane:	0.5736	0.4636	0.3290	0.4273	0.4150	0.3637	0.5070
Hexane+:	0.8139	0.5155	0.3914	0.5622	0.5079	0.4168	0.5518
BTU:	1346.7	1176.8	1156.6	1222.1	1185.3	1279.2	1391.8
GPM:	19.9460	18.6460	18.5120	18.9360	18.6990	19.3640	20.1360
SPG:	0.8483	0.8602	0.8426	0.8573	0.8252	0.8970	0.9553

	03/06/2023	03/02/2023	02/28/2023	02/23/2023	02/20/2023	02/16/2023	02/13/2023
	03/06/2023	03/02/2023	02/28/2023	02/23/2023	02/20/2023	02/16/2023	02/13/2023
	PD20230511	PD20230470	PD20230426	PD20230387	PD20230352	PD20230313	PD20230270
	13.0256	12.8839	19.9596	14.1201	15.2608	20.9021	18.9597
	0.3034	0.3432	0.2909	0.3514	0.3144	0.3115	0.3059
	53.1600	54.8449	53.5304	53.5560	55.4071	53.9439	57.5123
	8.9287	8.7584	7.8323	8.7431	8.4881	8.0169	9.0966
	15.0496	14.3097	11.3287	14.5610	12.9112	11.5235	6.9885
	2.1947	2.0519	1.5599	2.0008	1.7382	1.3467	1.7497
	5.3365	4.8642	3.7179	4.8145	4.0338	2.5752	3.8241
	0.8392	0.7978	0.6797	0.7911	0.7236	0.4508	0.5881
	0.6340	0.6427	0.5615	0.5980	0.5905	0.3778	0.4612
	0.5283	0.5033	0.5391	0.4640	0.5323	0.5516	0.5139
	1416.7	1388.9	1222.3	1374.2	1312.5	1173.8	1175.5
	20.3060	20.1100	18.9840	20.0230	19.5930	18.6830	18.7010
	0.9569	0.9382	0.9058	0.9421	0.9140	0.8849	0.8653

DJR Portable

WELL ANALYSIS COMPARISON

Lease: VCU H14-503H METER RUN 02/13/2024
Stn. No.: 21250-10736
Mtr. No.:

02/09/2023	02/06/2023	02/02/2023	01/30/2023	01/23/2023	01/19/2023	01/19/2023
02/09/2023	02/06/2023	02/02/2023	01/30/2023	01/23/2023	01/19/2023	01/19/2023
PD20230238	PD20230205	PD20230180	PD20230153	PD20230122	PD20230109	PD20230108
28.0676	23.1547	21.3442	23.0240	20.0903	26.6484	10.3987
0.3161	0.3295	0.3746	0.3157	0.3201	0.3235	0.1726
51.1894	53.1242	51.4386	50.3745	47.6971	45.8944	24.0357
7.5985	8.6772	8.7897	7.4165	8.1679	7.2008	4.9903
5.9201	6.6913	6.7134	11.7199	14.5122	12.4856	55.7272
1.6507	1.9906	2.4294	1.7117	2.0591	1.7516	1.7312
3.8050	4.5585	5.8575	4.0314	4.9782	4.0477	1.9783
0.6156	0.6700	1.1123	0.6215	0.9193	0.6675	0.3436
0.4560	0.4902	0.9463	0.4835	0.7027	0.5221	0.2928
0.3810	0.3138	0.9940	0.3013	0.5531	0.4584	0.3296
1046.9	1141.7	1257.3	1189.6	1324.4	1173.3	1920.7
17.8350	18.4860	19.2450	18.7760	19.7080	18.6900	23.7370
0.8800	0.8887	0.9448	0.9179	0.9734	0.9463	1.2499

01/16/2023	01/12/2023	01/09/2023	01/05/2023	01/02/2023	12/29/2022	12/26/2022
01/16/2023	01/12/2023	01/09/2023	01/05/2023	01/02/2023	12/29/2022	12/26/2022
PD20230096	PD20230079	PD20230060	PD20230038	PD20230019	PD20222535	PD20222511
19.4355	31.3388	29.0600	34.5389	33.7770	36.5859	37.3794
0.3321	0.3306	0.3287	0.2319	0.2887	0.2735	0.3031
46.4907	45.0347	51.4939	47.6355	49.9218	44.6853	44.0553
8.3226	6.9175	6.5278	6.4132	6.5399	6.7975	7.1143
15.9718	8.4900	8.1419	5.5242	5.6473	5.8515	6.1054
2.3959	1.0837	0.9800	1.3323	0.9775	1.4519	1.3072
5.5191	2.6184	2.2140	2.6921	1.9177	3.1055	2.7811
0.6814	0.6356	0.4336	0.5406	0.3562	0.5250	0.4572
0.4669	0.5855	0.3661	0.4678	0.2876	0.4034	0.3308
0.3840	2.9652	0.4540	0.6235	0.2863	0.3205	0.1662
1352.8	1123.7	1005.8	942.7	901.5	926.1	902.4
19.9130	18.3440	17.5310	17.1240	16.8560	17.0530	16.9220
0.9848	0.9649	0.8642	0.8807	0.8468	0.8924	0.8860

DJR Portable

WELL ANALYSIS COMPARISON

Lease: VCU H14-503H METER RUN 02/13/2024
Stn. No.: 21250-10736
Mtr. No.:

12/22/2022	12/19/2022	12/15/2022	12/12/2022	12/08/2022	12/05/2022	12/01/2022
12/22/2022	12/19/2022	12/15/2022	12/12/2022	12/08/2022	12/05/2022	12/01/2022
PD20222485	PD20222460	PD20222436	PD20222412	PD20222387	PD20222362	PD20222335
39.2109	34.4561	35.2488	44.0664	44.0521	40.0441	47.2808
0.3288	0.3799	0.3244	0.3090	0.3329	0.3723	0.3389
40.5791	42.4325	44.8598	38.3510	39.1627	36.9855	37.0402
6.9794	7.7788	7.0926	5.9447	7.2316	7.6313	5.9169
6.0008	6.6172	6.0732	5.1705	6.2368	6.5443	5.2865
1.6717	1.9354	1.7296	1.3423	1.7083	2.0126	0.9219
3.7720	4.3085	3.2860	3.0087	0.0000	4.1822	1.8795
0.6491	0.7707	0.4964	0.6631	0.4984	0.8470	0.4255
0.5013	0.6519	0.4161	0.5529	0.3784	0.6693	0.3738
0.3069	0.6690	0.4731	0.5914	0.3988	0.7114	0.5360
928.7	1034.2	961.2	848.4	795.6	978.7	766.8
17.1030	17.8140	17.3000	16.5480	16.2810	17.4820	16.0310
0.9231	0.9412	0.9016	0.9229	0.8889	0.9649	0.9049

12/01/2022	11/28/2022	11/24/2022	11/21/2022	11/17/2022	11/15/2022	11/10/2022
12/01/2022	11/28/2022	11/24/2022	11/21/2022	11/17/2022	11/15/2022	11/10/2022
PD20222334	PD20222304	PD20222273	PD20222242	PD20222209	PD20222176	PD20222144
39.4952	50.5972	63.5786	61.4044	67.8027	58.5717	70.3841
0.2010	0.2969	0.2817	0.2594	0.2027	0.2221	0.1536
25.4957	33.6083	24.7047	26.4321	21.6532	27.5644	20.3473
15.4788	5.1010	3.7565	3.9744	3.2763	5.0555	3.4531
12.3529	4.5061	3.3957	3.7167	3.1121	4.6870	3.2028
3.5674	1.1809	0.9680	0.9542	0.8419	0.8515	0.5075
2.2483	2.6572	2.0800	2.0155	1.8562	1.9559	1.1922
0.3480	0.5439	0.4147	0.4012	0.4133	0.4116	0.2630
0.3090	0.4721	0.3457	0.3448	0.3503	0.3463	0.2258
0.5037	1.0364	0.4744	0.4973	0.4913	0.3340	0.2706
1091.2	767.0	558.3	586.0	501.2	627.8	437.9
18.6520	16.0070	14.6500	14.8280	14.2710	15.1410	13.8760
1.0284	0.9399	0.9436	0.9379	0.9505	0.9339	0.9363

Location:	VCU 503H	Date:	2/12/2024
Prams	Prams/24 hours	Hours Flared	Flare Volume (Mcf)
395	16.45833333	15	246.875
Nitrogen Mole %		1-Nitrogen	Flared Volume for C-129
7.0243	0.070243	0.929757	**229.5**

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District III
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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

DEFINITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 327576
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

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 327576

QUESTIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 327576
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

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 ID (n#)	*Unavailable.*
Incident Name	*Unavailable.*
Incident Type	**Flare**
Incident Status	*Unavailable.*
Incident Well	**[30-043-21405] VENADO CANYON UNIT #503H**
Only valid Vent, Flare or Vent with Flaring incidents (selected above in the Application Details section) that are assigned to your current operator can be amended with this C-129A application.	

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	64
Nitrogen (N2) percentage, if greater than one percent	7
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	0
Nitrogen (N2) percentage quality requirement	0
Hydrogen Sufide (H2S) PPM quality requirement	0
Carbon Dioxide (C02) percentage quality requirement	0
Oxygen (02) percentage quality requirement	0

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QUESTIONS (continued)

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 327576
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	02/12/2024
Time vent or flare was discovered or commenced	08:00 AM
Time vent or flare was terminated	05:00 PM
Cumulative hours during this event	15

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: 230 Mcf | Recovered: 0 Mcf | Lost: 230 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	No
Downstream OGRID that should have notified this operator	0
Date notified of downstream activity requiring this vent or flare	
Time notified of downstream activity requiring this vent or flare	12:00 AM

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: 327576
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

ACKNOWLEDGMENTS

☑	I acknowledge that with this application I will be amending an existing incident file (assigned to this operator) for a vent or flare event, pursuant to 19.15.27 and 19.15.28 NMAC.
☑	I acknowledge that amending an incident file does not replace original submitted application(s) or information and understand that any C-129 forms submitted to the OCD will be logged and stored as public record.
☑	I hereby certify the statements in this amending 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

Action 327576

CONDITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 327576
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

CONDITIONS

Created By	Condition	Condition Date
ilain	If the information provided in this report requires further amendment(s), submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	3/28/2024