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

Analysis No: PD20240079
Cust No: 21250-10733

Well/Lease Information

Customer Name: DJR Portable
Well Name: VCU H14-301H
County/State:
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.:

Heat Trace: N
Remarks:

Source: METER RUN
Well Flowing: Y
Pressure: 50 PSIG
Flow Temp: DEG. F
Ambient Temp: 43 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 02/22/2024
Sample Time: 11.34 AM
Sampled By: ERIK
Sampled by (CO): ABC

Analysis

Component::	Mole%:	Unormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	41.3546	37.4090	4.5610	0.00	0.4000
CO2	0.3018	0.2730	0.0520	0.00	0.0046
Methane	38.6660	34.9770	6.5710	390.53	0.2142
Ethane	7.1922	6.5060	1.9280	127.28	0.0747
Propane	7.1757	6.4911	1.9820	180.55	0.1093
Iso-Butane	0.9076	0.8210	0.2980	29.51	0.0182
N-Butane	2.4558	2.2215	0.7760	80.12	0.0493
I-Pentane	0.7441	0.6731	0.2730	29.77	0.0185
N-Pentane	0.6396	0.5786	0.2320	25.64	0.0159
Hexane Plus	0.5626	0.5089	0.2520	29.66	0.0186
Total	100.0000	90.4592	16.9250	893.05	0.9232

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

COMPRESSIBLITY FACTOR	(1/Z):	1.0027	CYLINDER #:	1495
BTU/CU.FT IDEAL:		895.1	CYLINDER PRESSURE:	50 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):		897.5	ANALYIS DATE:	02/22/2024
BTU/CU.FT (WET) CORRECTED FOR (1/Z):		881.9	ANALYIS TIME:	11:33:53 AM
DRY BTU @ 15.025:		915.5	ANALYSIS RUN BY:	HEATHER ALEXANDER
REAL SPECIFIC GRAVITY:		0.9254		

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: 02/22/2024**
GC Method: C6+ Gas

DJR Portable

WELL ANALYSIS COMPARISON

Lease: VCU H14-301H METER RUN 02/22/2024
Stn. No.: 21250-10733
Mtr. No.:

Smpl Date:	02/22/2024	02/19/2024	02/15/2024	02/13/2024	03/27/2023	03/23/2023	03/20/2023
Test Date:	02/22/2024	02/19/2024	02/15/2024	02/13/2024	03/27/2023	03/23/2023	03/20/2023
Run No:	PD20240079	PD20240062	PD20240040	PD20240024	PD20230686	PD20230665	PD20230642
Nitrogen:	41.3546	44.1919	10.5609	24.3777	14.0886	13.3777	12.1423
CO2:	0.3018	0.3209	0.4020	0.2995	0.4248	0.4270	0.4391
Methane:	38.6660	38.6699	68.9051	53.0742	64.8541	62.9773	66.3192
Ethane:	7.1922	6.0305	13.9059	10.2764	8.0163	8.1537	8.3476
Propane:	7.1757	6.2314	0.0000	7.8865	8.5475	9.5729	8.2892
I-Butane:	0.9076	0.8329	1.2275	0.8987	0.8961	1.1258	0.9722
N-Butane:	2.4558	2.1915	3.1038	2.0267	2.0899	2.8042	2.2690
I-Pentane:	0.7441	0.5847	0.7410	0.4158	0.3795	0.5497	0.4276
N-Pentane:	0.6396	0.5200	0.6591	0.4039	0.3311	0.4721	0.3693
Hexane+:	0.5626	0.4263	0.4947	0.3406	0.3721	0.5396	0.4245
BTU:	897.5	823.2	1172.0	1068.2	1164.0	1226.2	1193.1
GPM:	16.9250	16.3910	18.8020	18.0880	18.5500	18.9740	18.7450
SPG:	0.9254	0.9080	0.7748	0.8538	0.8077	0.8401	0.8058

	03/16/2023	03/13/2023	03/09/2023	03/06/2023	03/02/2023	02/28/2023	02/23/2023
	03/16/2023	03/13/2023	03/09/2023	03/06/2023	03/02/2023	02/28/2023	02/23/2023
	PD20230620	PD20230585	PD20230578	PD20230507	PD20230467	PD20230423	PD20230384
	12.9548	14.4023	12.2221	11.3463	13.0261	14.3539	13.5644
	0.4497	0.4225	0.4385	0.3978	0.3816	0.3572	0.3974
	64.8253	61.2530	60.2146	59.2182	60.1751	58.8624	62.9527
	8.4196	8.4118	8.7482	9.4145	8.4270	8.2807	8.3297
	8.4695	9.7447	11.8034	12.9137	11.9155	11.1550	9.8439
	0.9686	1.2535	1.6554	1.5229	1.5732	1.5728	1.0671
	2.3404	2.9195	3.4178	3.5236	3.2253	3.5537	2.6313
	0.5073	0.5467	0.5342	0.5932	0.4429	0.6747	0.4165
	0.4578	0.4793	0.4525	0.5008	0.3848	0.5738	0.3563
	0.6070	0.5667	0.5133	0.5690	0.4485	0.6158	0.4407
	1202.5	1227.3	1300.4	1337.1	1278.2	1279.7	1212.9
	18.8180	19.0010	19.5070	19.7790	19.3470	19.3510	18.8960
	0.8208	0.8517	0.8757	0.8892	0.8691	0.8839	0.8331

DJR Portable

WELL ANALYSIS COMPARISON

Lease: VCU H14-301H METER RUN 02/22/2024
Stn. No.: 21250-10733
Mtr. No.:

02/20/2023	02/16/2023	02/13/2023	02/09/2023	02/06/2023	02/02/2023	01/30/2023
02/20/2023	02/16/2023	02/13/2023	02/09/2023	02/06/2023	02/02/2023	01/30/2023
PD20230349	PD20230310	PD20230267	PD20230235	PD20230202	PD20230176	PD20230150
13.8841	18.0871	12.1466	16.3255	18.0342	16.7837	17.4026
0.4119	0.3801	0.3975	0.4013	0.3763	0.4016	0.3843
63.2908	59.5417	55.0371	61.0715	59.7364	62.6117	57.2982
8.8094	7.8852	11.3377	9.0621	9.0143	8.6481	8.2990
8.9249	9.2173	8.4928	6.9277	6.9309	6.6684	10.8426
1.0226	1.0896	3.2474	1.5136	1.5762	1.1329	1.3950
2.3509	2.3991	7.3199	3.3249	2.8947	2.5772	3.0945
0.4435	0.4682	0.7936	0.4889	0.5028	0.4709	0.4667
0.3920	0.4181	0.6018	0.4299	0.4343	0.4016	0.3966
0.4699	0.5136	0.6256	0.4546	0.4999	0.3039	0.4205
1194.9	1155.8	1414.2	1176.9	1153.5	1131.4	1208.9
18.7970	18.5230	20.3660	18.6930	18.5490	18.3730	18.9030
0.8252	0.8444	0.9476	0.8396	0.8424	0.8152	0.8713

01/26/2023	01/23/2023	01/19/2023	01/16/2023	01/12/2023	01/09/2023	01/02/2023
01/26/2023	01/23/2023	01/19/2023	01/16/2023	01/12/2023	01/09/2023	01/02/2023
PD20230133	PD20230119	PD20230105	PD20230093	PD20230076	PD20230057	PD20230016
16.7835	18.6264	17.1380	18.8054	32.1822	25.6396	26.6468
0.4010	0.3833	0.3954	0.3898	0.3526	0.3507	0.3457
59.8599	58.8768	50.2164	54.9770	42.7094	56.7675	51.5959
8.1881	8.1780	10.0142	8.6241	7.6590	7.0455	8.9311
9.7403	9.7833	14.9280	11.1445	8.0334	6.9729	7.5177
1.1662	1.0298	1.7811	1.3726	1.0028	0.7377	1.1973
2.5847	2.0831	3.8638	3.1513	2.5208	1.6200	2.4517
0.4510	0.3587	0.6094	0.5537	0.6181	0.3035	0.4183
0.3929	0.3177	0.5094	0.4735	0.5802	0.2737	0.3645
0.4324	0.3629	0.5443	0.5081	4.3415	0.2889	0.5310
1180.4	1139.7	1326.9	1211.2	1168.5	993.6	1052.3
18.6950	18.4400	19.7970	18.9460	18.6750	17.4430	17.9340
0.8466	0.8398	0.9445	0.8878	1.0033	0.8202	0.8686

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WELL ANALYSIS COMPARISON

Lease: VCU H14-301H METER RUN 02/22/2024
Stn. No.: 21250-10733
Mtr. No.:

12/29/2022	12/26/2022	12/22/2022	12/19/2022	12/12/2022	12/08/2022	12/05/2022
12/29/2022	12/26/2022	12/22/2022	12/19/2022	12/12/2022	12/08/2022	12/05/2022
PD20222532	PD20222508	PD20222482	PD20222457	PD20222409	PD20222384	PD20222360
30.5299	33.7987	34.0963	34.5542	45.6805	44.0146	46.8645
0.3575	0.3528	0.3710	0.3914	0.2922	0.3325	0.2948
47.8945	46.3824	47.2636	44.8270	37.6045	39.3428	35.5471
7.5841	7.7354	7.2579	8.4089	6.2418	7.3391	5.8449
6.4160	6.6035	6.2319	7.2018	5.4587	6.3828	5.1245
1.6776	1.3670	1.1783	1.1510	1.2850	1.4320	1.7139
3.7457	2.6980	2.5459	2.3667	2.7229	0.0000	3.4904
0.6875	0.4475	0.4212	0.4072	0.3638	0.4247	0.4765
0.5771	0.3711	0.3470	0.3567	0.2657	0.3562	0.3791
0.5301	0.2436	0.2869	0.3351	0.0849	0.3753	0.2643
1040.4	954.4	934.4	950.5	791.5	788.9	812.9
17.8140	17.2780	17.1200	17.2960	16.2020	16.2400	16.3320
0.9028	0.8821	0.8727	0.8882	0.9030	0.8842	0.9296

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
PD20222331	PD20222301	PD20222270	PD20222239	PD20222206	PD20222173	PD20222141
46.3339	47.6468	53.6209	41.3321	41.1620	35.8352	25.5899
0.2855	0.2961	0.4344	0.3394	0.3405	0.3648	0.3526
36.7254	36.4685	30.5833	37.6670	38.0417	39.4567	48.7043
5.5203	5.3944	5.4173	7.2242	7.1183	9.0002	10.8900
4.8849	4.7366	4.7958	6.3690	6.2757	7.7943	9.2250
1.5466	1.0226	1.3431	1.5463	1.5969	1.6335	1.2143
3.3023	1.6060	2.8442	3.7836	3.6418	3.8808	2.6171
0.5118	0.3886	0.3933	0.6227	0.6638	0.7375	0.4597
0.4322	0.4455	0.3002	0.5181	0.5615	0.6283	0.4054
0.4571	1.9949	0.2675	0.5976	0.5978	0.6687	0.5417
815.2	811.0	706.8	924.1	924.1	1029.3	1111.3
16.3230	16.2920	15.6640	17.1010	17.0950	17.8550	18.4250
0.9253	0.9369	0.9355	0.9429	0.9412	0.9524	0.8953

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WELL ANALYSIS COMPARISON

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Stn. No.: 21250-10733
Mtr. No.:

11/07/2022	11/03/2022
11/07/2022	11/03/2022
PD20222086	PD20222064
35.8212	47.9002
0.2732	0.2209
41.6624	36.1216
8.5766	6.5121
7.3908	5.8039
1.2191	0.7365
2.8129	1.6518
0.6677	0.3424
0.6653	0.3078
0.9108	0.4028
996.7	754.5
17.6070	15.9780
0.9297	0.9016

Location:	VCU 301H	Date:	2/23/2024
Prams	Prams/24 hours	Hours Flared	Flare Volume (Mcf)
520	21.66666667	24	520
Nitrogen Mole %		1-Nitrogen	Flared Volume for C-129
41.3546	0.413546	0.586454	**305.0**

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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: 320931
	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 320931

QUESTIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 320931
	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	**[30-043-21402] VENADO CANYON UNIT #301H**
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	39
Nitrogen (N2) percentage, if greater than one percent	41
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: 320931
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	02/23/2024
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: 305 Mcf | Recovered: 0 Mcf | Lost: 305 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: 320931
	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: 320931
	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.	3/6/2024