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

Analysis No: PD20240081
Cust No: 21250-10735

Well/Lease Information

Customer Name: DJR Portable
Well Name: VCU H14-303H
County/State:
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.:

Heat Trace: N
Remarks:

Source: METER RUN
Well Flowing: Y
Pressure: 88 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: 11.36 AM
Sampled By: ERIK
Sampled by (CO): ABC

Analysis

Component::	Mole%:	Unormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	41.3950	37.3790	4.5640	0.00	0.4004
CO2	0.3234	0.2920	0.0550	0.00	0.0049
Methane	40.5223	36.5910	6.8840	409.28	0.2245
Ethane	6.6723	6.0250	1.7880	118.08	0.0693
Propane	7.0130	6.3326	1.9360	176.45	0.1068
Iso-Butane	0.9446	0.8530	0.3100	30.72	0.0190
N-Butane	2.2416	2.0241	0.7080	73.13	0.0450
I-Pentane	0.0000	0.0000	0.0000	0.00	0.0000
N-Pentane	0.4607	0.4160	0.1670	18.47	0.0115
Hexane Plus	0.4271	0.3857	0.1910	22.51	0.0141
Total	100.0000	90.2984	16.6030	848.64	0.8953

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

COMPRESSIBLITY FACTOR (1/Z):	1.0024	CYLINDER #:	1448
BTU/CU.FT IDEAL:	850.6	CYLINDER PRESSURE:	88 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	852.6	ANALYIS DATE:	02/22/2024
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	837.8	ANALYIS TIME:	11:33:36 AM
DRY BTU @ 15.025:	869.7	ANALYSIS RUN BY:	HEATHER ALEXANDER
REAL SPECIFIC GRAVITY:	0.8971		

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 H14-303H METER RUN 02/22/2024
Stn. No.: 21250-10735
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:	PD20240081	PD20240060	PD20240042	PD20240026	PD20230688	PD20230668	PD20230644
Nitrogen:	41.3950	48.7493	52.8344	63.5093	14.3426	14.8110	13.5219
CO2:	0.3234	0.2989	0.2871	0.2059	0.4395	0.4291	0.4386
Methane:	40.5223	35.7824	32.0574	23.3618	63.2772	62.7783	64.5228
Ethane:	6.6723	5.3085	5.2535	4.2112	7.7382	7.9235	7.8600
Propane:	7.0130	5.7487	5.8223	4.3794	9.4576	9.3196	8.8589
I-Butane:	0.9446	0.7751	0.7309	0.5793	1.0501	1.0618	1.0891
N-Butane:	2.2416	1.9450	1.8101	1.4506	2.2888	2.3572	2.3137
I-Pentane:	0.0000	0.4920	0.4336	0.3558	0.5062	0.4848	0.4761
N-Pentane:	0.4607	0.4771	0.4030	0.3514	0.4246	0.3949	0.4070
Hexane+:	0.4271	0.4230	0.3677	1.5953	0.4752	0.4398	0.5119
BTU:	852.6	753.1	701.9	601.7	1192.2	1185.6	1194.0
GPM:	16.6030	15.9200	15.6100	14.9520	18.7330	18.7020	18.7430
SPG:	0.8971	0.9112	0.9215	0.9696	0.8288	0.8294	0.8212

	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
	PD20230622	PD20230587	PD20230576	PD20230510	PD20230469	PD20230425	PD20230386
	13.5168	15.6164	14.1061	12.6832	13.7407	13.3193	14.0679
	0.4222	0.4340	0.4517	0.3892	0.3722	0.3643	0.3667
	60.9788	59.6722	58.5366	59.6854	60.0605	49.9639	57.0805
	8.0311	8.3991	8.3801	8.8762	8.5706	9.6585	8.6272
	11.3958	10.1606	12.4841	12.2404	11.6530	18.1634	13.4337
	1.2386	1.1681	1.2422	1.5183	1.4472	2.0396	1.4197
	2.8401	3.1358	3.0891	3.1288	2.9627	4.5451	3.3031
	0.5347	0.4879	0.6289	0.5136	0.4854	0.7415	0.6517
	0.4677	0.4295	0.4800	0.4473	0.4188	0.5838	0.5312
	0.5742	0.4964	0.6012	0.5176	0.2889	0.6206	0.5183
	1256.1	1217.7	1279.3	1293.6	1254.5	1444.4	1304.5
	19.1800	18.9470	19.3630	19.4690	19.1990	20.5560	19.5460
	0.8608	0.8587	0.8825	0.8754	0.8613	0.9787	0.8969

DJR Portable

WELL ANALYSIS COMPARISON

Lease: VCU H14-303H METER RUN 02/22/2024
Stn. No.: 21250-10735
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
PD20230351	PD20230312	PD20230269	PD20230237	PD20230204	PD20230178	PD20230152
14.1637	14.7837	15.9834	17.9828	19.3807	16.9860	16.8739
0.4207	0.3869	0.3934	0.4177	0.3972	0.4094	0.3910
60.9970	57.2395	60.4919	58.6921	60.1120	58.0243	55.3582
8.7444	8.1476	9.1346	8.7750	8.1123	8.8056	8.3643
10.0676	11.8374	6.9989	6.6752	6.2782	6.6874	13.2391
1.3879	1.6359	1.8890	1.9138	1.2628	2.4258	1.4930
2.8859	3.6580	3.6285	3.5628	3.1891	4.7369	3.0993
0.4869	0.7422	0.5912	0.7025	0.5177	0.6345	0.4776
0.3976	0.6823	0.4534	0.6286	0.3709	0.5898	0.3963
0.4483	0.8865	0.4357	0.6495	0.3791	0.7003	0.3073
1230.1	1305.3	1200.5	1189.3	1115.6	1237.4	1249.1
19.0400	19.5210	18.8560	18.7760	18.2570	19.0920	19.1870
0.8509	0.9055	0.8510	0.8656	0.8327	0.8858	0.8916

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
PD20230135	PD20230121	PD20230107	PD20230095	PD20230078	PD20230059	PD20230018
17.0109	14.1244	21.3615	21.3152	31.3292	25.9083	32.7895
0.4147	0.3708	0.3709	0.3911	0.3395	0.3657	0.2993
58.2113	45.3460	51.5635	54.1084	44.3531	54.3915	51.6114
8.3364	9.6766	7.7418	7.9590	7.3269	6.8213	6.3638
9.9734	21.3272	11.7270	9.9362	8.4202	8.2940	5.4874
1.3579	2.0027	1.7872	1.3351	1.0576	0.9594	0.8465
3.4160	4.8457	4.1764	3.3616	2.6161	2.1750	1.7700
0.4476	0.8722	0.4890	0.6607	0.6204	0.4094	0.3195
0.3812	0.7253	0.3752	0.5104	0.5632	0.3522	0.2679
0.4506	0.7091	0.4075	0.4223	3.3738	0.3232	0.2447
1206.3	1503.0	1210.9	1166.6	1141.8	1033.9	897.9
18.8790	20.9730	18.9260	18.6260	18.4800	17.7130	16.8150
0.8660	1.0251	0.9148	0.8860	0.9766	0.8493	0.8341

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WELL ANALYSIS COMPARISON

Lease: VCU H14-303H METER RUN 02/22/2024
Stn. No.: 21250-10735
Mtr. No.:

12/29/2022	12/26/2022	12/22/2022	12/19/2022	12/15/2022	12/12/2022	12/08/2022
12/29/2022	12/26/2022	12/22/2022	12/19/2022	12/15/2022	12/12/2022	12/08/2022
PD20222534	PD20222510	PD20222484	PD20222459	PD20222435	PD20222411	PD20222386
31.6353	33.6196	34.4819	36.1864	36.8390	41.5740	44.7884
0.3273	0.3286	0.3642	0.3616	0.3441	0.2923	0.3058
49.9033	47.5958	44.4784	43.2269	45.0819	42.5334	40.9959
7.1844	7.4880	8.3350	7.4606	6.6822	5.7876	6.0689
6.1521	6.4274	7.1104	6.4250	5.7738	5.0388	5.2866
1.0604	1.1199	1.5885	1.3633	1.4480	1.1292	1.2540
2.3436	2.5476	3.0262	3.1404	2.9263	2.2653	0.0000
0.4841	0.3597	0.2869	0.6141	0.4028	0.4469	0.4470
0.4334	0.2867	0.1825	0.5436	0.3088	0.4010	0.3851
0.4761	0.2267	0.1460	0.6781	0.1931	0.5315	0.4683
963.6	936.9	957.4	964.2	904.4	835.2	756.5
17.2870	17.1420	17.3370	17.3440	16.9120	16.4340	15.9590
0.8645	0.8685	0.8915	0.9141	0.8823	0.8875	0.8712

12/05/2022	12/01/2022	12/01/2022	11/28/2022	11/24/2022	11/21/2022	11/17/2022
12/05/2022	12/01/2022	12/01/2022	11/28/2022	11/24/2022	11/21/2022	11/17/2022
PD20222361	PD20222336	PD20222333	PD20222303	PD20222272	PD20222241	PD20222208
46.0567	46.9668	41.6994	45.2874	49.5441	47.5818	53.1989
0.2879	0.3320	0.3450	0.3099	0.3311	0.2706	0.2456
38.6751	37.2199	36.6424	37.9651	33.4196	36.7762	33.2353
5.5592	5.9227	6.9370	5.6910	4.9780	5.5208	4.6353
4.9081	5.2903	6.0379	4.9841	4.3676	4.9952	4.2538
1.0239	0.9460	1.7588	1.0005	1.5799	1.0625	0.9694
2.2323	1.9295	4.1367	2.3832	3.8232	2.3584	2.1946
0.4268	0.4526	0.8500	0.5866	0.7145	0.4800	0.4444
0.3804	0.3961	0.7536	0.5683	0.6055	0.4361	0.3908
0.4496	0.5441	0.8392	1.2239	0.6365	0.5184	0.4319
778.1	773.6	950.4	834.5	801.8	773.7	686.9
16.0740	16.0750	17.2620	16.4480	16.2290	16.0530	15.4720
0.8984	0.9059	0.9640	0.9270	0.9518	0.9116	0.9151

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WELL ANALYSIS COMPARISON

Lease: VCU H14-303H METER RUN 02/22/2024
Stn. No.: 21250-10735
Mtr. No.:

11/15/2022	11/10/2022	11/07/2022
11/15/2022	11/10/2022	11/07/2022
PD20222175	PD20222143	PD20222088
46.2696	53.4159	47.1774
0.2592	0.2330	0.2208
38.0872	32.3800	35.6915
6.0746	5.3529	6.7185
5.4838	4.7934	5.9244
0.8628	0.8402	0.9416
1.8485	1.9472	2.1355
0.3567	0.3882	0.3919
0.3264	0.3379	0.3384
0.4312	0.3113	0.4600
772.0	681.5	785.8
16.0650	15.4750	16.1930
0.8962	0.9137	0.9141

Location:	VCU 303H	Date:	2/24/2024
Prams	Prams/24 hours	Hours Flared	Flare Volume (Mcf)
624	26	24	624
Nitrogen Mole %		1-Nitrogen	Flared Volume for C-129
41.3950	0.41395	0.58605	**365.7**

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District III
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Phone:(505) 334-6178 Fax:(505) 334-6170
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: 319477
	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 319477

QUESTIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 319477
	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	**[30-043-21404] VENADO CANYON UNIT #303H**
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	41
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: 319477
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	02/24/2024
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: 366 Mcf | Recovered: 0 Mcf | Lost: 366 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: 319477
	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: 319477
	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