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

Analysis No: PD20240024
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: 195 PSIG
Flow Temp: DEG. F
Ambient Temp: 43 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 02/13/2024
Sample Time: 3.52 PM
Sampled By: ERIK
Sampled by (CO): ABC

Analysis

Component::	Mole%:	Unormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	24.3777	22.7920	2.6900	0.00	0.2358
CO2	0.2995	0.2800	0.0510	0.00	0.0046
Methane	53.0742	49.6220	9.0240	536.05	0.2940
Ethane	10.2764	9.6080	2.7560	181.86	0.1067
Propane	7.8865	7.3735	2.1790	198.43	0.1201
Iso-Butane	0.8987	0.8402	0.2950	29.22	0.0180
N-Butane	2.0267	1.8949	0.6410	66.12	0.0407
I-Pentane	0.4158	0.3888	0.1530	16.64	0.0104
N-Pentane	0.4039	0.3776	0.1470	16.19	0.0101
Hexane Plus	0.3406	0.3184	0.1520	17.95	0.0113
Total	100.0000	93.4954	18.0880	1062.47	0.8515

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

COMPRESSIBLITY FACTOR (1/Z):	1.0032
BTU/CU.FT IDEAL:	1064.9
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1068.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1049.6
DRY BTU @ 15.025:	1089.6
REAL SPECIFIC GRAVITY:	0.8538

CYLINDER #:	1081
CYLINDER PRESSURE:	195 PSIG
ANALYIS DATE:	02/13/2024
ANALYIS TIME:	03:52:16 PM
ANALYSIS RUN BY:	HEATHER ALEXANDER

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 H14-301H METER RUN 02/13/2024
Stn. No.: 21250-10733
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:	PD20240024	PD20230686	PD20230665	PD20230642	PD20230620	PD20230585	PD20230578
Nitrogen:	24.3777	14.0886	13.3777	12.1423	12.9548	14.4023	12.2221
CO2:	0.2995	0.4248	0.4270	0.4391	0.4497	0.4225	0.4385
Methane:	53.0742	64.8541	62.9773	66.3192	64.8253	61.2530	60.2146
Ethane:	10.2764	8.0163	8.1537	8.3476	8.4196	8.4118	8.7482
Propane:	7.8865	8.5475	9.5729	8.2892	8.4695	9.7447	11.8034
I-Butane:	0.8987	0.8961	1.1258	0.9722	0.9686	1.2535	1.6554
N-Butane:	2.0267	2.0899	2.8042	2.2690	2.3404	2.9195	3.4178
I-Pentane:	0.4158	0.3795	0.5497	0.4276	0.5073	0.5467	0.5342
N-Pentane:	0.4039	0.3311	0.4721	0.3693	0.4578	0.4793	0.4525
Hexane+:	0.3406	0.3721	0.5396	0.4245	0.6070	0.5667	0.5133
BTU:	1068.2	1164.0	1226.2	1193.1	1202.5	1227.3	1300.4
GPM:	18.0880	18.5500	18.9740	18.7450	18.8180	19.0010	19.5070
SPG:	0.8538	0.8077	0.8401	0.8058	0.8208	0.8517	0.8757

	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
	PD20230507	PD20230467	PD20230423	PD20230384	PD20230349	PD20230310	PD20230267
	11.3463	13.0261	14.3539	13.5644	13.8841	18.0871	12.1466
	0.3978	0.3816	0.3572	0.3974	0.4119	0.3801	0.3975
	59.2182	60.1751	58.8624	62.9527	63.2908	59.5417	55.0371
	9.4145	8.4270	8.2807	8.3297	8.8094	7.8852	11.3377
	12.9137	11.9155	11.1550	9.8439	8.9249	9.2173	8.4928
	1.5229	1.5732	1.5728	1.0671	1.0226	1.0896	3.2474
	3.5236	3.2253	3.5537	2.6313	2.3509	2.3991	7.3199
	0.5932	0.4429	0.6747	0.4165	0.4435	0.4682	0.7936
	0.5008	0.3848	0.5738	0.3563	0.3920	0.4181	0.6018
	0.5690	0.4485	0.6158	0.4407	0.4699	0.5136	0.6256
	1337.1	1278.2	1279.7	1212.9	1194.9	1155.8	1414.2
	19.7790	19.3470	19.3510	18.8960	18.7970	18.5230	20.3660
	0.8892	0.8691	0.8839	0.8331	0.8252	0.8444	0.9476

DJR Portable

WELL ANALYSIS COMPARISON

Lease: VCU H14-301H METER RUN 02/13/2024
Stn. No.: 21250-10733
Mtr. No.:

02/09/2023	02/06/2023	02/02/2023	01/30/2023	01/26/2023	01/23/2023	01/19/2023
02/09/2023	02/06/2023	02/02/2023	01/30/2023	01/26/2023	01/23/2023	01/19/2023
PD20230235	PD20230202	PD20230176	PD20230150	PD20230133	PD20230119	PD20230105
16.3255	18.0342	16.7837	17.4026	16.7835	18.6264	17.1380
0.4013	0.3763	0.4016	0.3843	0.4010	0.3833	0.3954
61.0715	59.7364	62.6117	57.2982	59.8599	58.8768	50.2164
9.0621	9.0143	8.6481	8.2990	8.1881	8.1780	10.0142
6.9277	6.9309	6.6684	10.8426	9.7403	9.7833	14.9280
1.5136	1.5762	1.1329	1.3950	1.1662	1.0298	1.7811
3.3249	2.8947	2.5772	3.0945	2.5847	2.0831	3.8638
0.4889	0.5028	0.4709	0.4667	0.4510	0.3587	0.6094
0.4299	0.4343	0.4016	0.3966	0.3929	0.3177	0.5094
0.4546	0.4999	0.3039	0.4205	0.4324	0.3629	0.5443
1176.9	1153.5	1131.4	1208.9	1180.4	1139.7	1326.9
18.6930	18.5490	18.3730	18.9030	18.6950	18.4400	19.7970
0.8396	0.8424	0.8152	0.8713	0.8466	0.8398	0.9445

01/16/2023	01/12/2023	01/09/2023	01/02/2023	12/29/2022	12/26/2022	12/22/2022
01/16/2023	01/12/2023	01/09/2023	01/02/2023	12/29/2022	12/26/2022	12/22/2022
PD20230093	PD20230076	PD20230057	PD20230016	PD20222532	PD20222508	PD20222482
18.8054	32.1822	25.6396	26.6468	30.5299	33.7987	34.0963
0.3898	0.3526	0.3507	0.3457	0.3575	0.3528	0.3710
54.9770	42.7094	56.7675	51.5959	47.8945	46.3824	47.2636
8.6241	7.6590	7.0455	8.9311	7.5841	7.7354	7.2579
11.1445	8.0334	6.9729	7.5177	6.4160	6.6035	6.2319
1.3726	1.0028	0.7377	1.1973	1.6776	1.3670	1.1783
3.1513	2.5208	1.6200	2.4517	3.7457	2.6980	2.5459
0.5537	0.6181	0.3035	0.4183	0.6875	0.4475	0.4212
0.4735	0.5802	0.2737	0.3645	0.5771	0.3711	0.3470
0.5081	4.3415	0.2889	0.5310	0.5301	0.2436	0.2869
1211.2	1168.5	993.6	1052.3	1040.4	954.4	934.4
18.9460	18.6750	17.4430	17.9340	17.8140	17.2780	17.1200
0.8878	1.0033	0.8202	0.8686	0.9028	0.8821	0.8727

DJR Portable

WELL ANALYSIS COMPARISON

Lease: VCU H14-301H METER RUN 02/13/2024
Stn. No.: 21250-10733
Mtr. No.:

12/19/2022	12/12/2022	12/08/2022	12/05/2022	12/01/2022	11/28/2022	11/24/2022
12/19/2022	12/12/2022	12/08/2022	12/05/2022	12/01/2022	11/28/2022	11/24/2022
PD20222457	PD20222409	PD20222384	PD20222360	PD20222331	PD20222301	PD20222270
34.5542	45.6805	44.0146	46.8645	46.3339	47.6468	53.6209
0.3914	0.2922	0.3325	0.2948	0.2855	0.2961	0.4344
44.8270	37.6045	39.3428	35.5471	36.7254	36.4685	30.5833
8.4089	6.2418	7.3391	5.8449	5.5203	5.3944	5.4173
7.2018	5.4587	6.3828	5.1245	4.8849	4.7366	4.7958
1.1510	1.2850	1.4320	1.7139	1.5466	1.0226	1.3431
2.3667	2.7229	0.0000	3.4904	3.3023	1.6060	2.8442
0.4072	0.3638	0.4247	0.4765	0.5118	0.3886	0.3933
0.3567	0.2657	0.3562	0.3791	0.4322	0.4455	0.3002
0.3351	0.0849	0.3753	0.2643	0.4571	1.9949	0.2675
950.5	791.5	788.9	812.9	815.2	811.0	706.8
17.2960	16.2020	16.2400	16.3320	16.3230	16.2920	15.6640
0.8882	0.9030	0.8842	0.9296	0.9253	0.9369	0.9355

11/21/2022	11/17/2022	11/15/2022	11/10/2022	11/07/2022	11/03/2022
11/21/2022	11/17/2022	11/15/2022	11/10/2022	11/07/2022	11/03/2022
PD20222239	PD20222206	PD20222173	PD20222141	PD20222086	PD20222064
41.3321	41.1620	35.8352	25.5899	35.8212	47.9002
0.3394	0.3405	0.3648	0.3526	0.2732	0.2209
37.6670	38.0417	39.4567	48.7043	41.6624	36.1216
7.2242	7.1183	9.0002	10.8900	8.5766	6.5121
6.3690	6.2757	7.7943	9.2250	7.3908	5.8039
1.5463	1.5969	1.6335	1.2143	1.2191	0.7365
3.7836	3.6418	3.8808	2.6171	2.8129	1.6518
0.6227	0.6638	0.7375	0.4597	0.6677	0.3424
0.5181	0.5615	0.6283	0.4054	0.6653	0.3078
0.5976	0.5978	0.6687	0.5417	0.9108	0.4028
924.1	924.1	1029.3	1111.3	996.7	754.5
17.1010	17.0950	17.8550	18.4250	17.6070	15.9780
0.9429	0.9412	0.9524	0.8953	0.9297	0.9016

Location:	VCU 301H	Date:	2/12/2024
Prams	Prams/24 hours	Hours Flared	Flare Volume (Mcf)
577	24.04166667	15	360.625
Nitrogen Mole %		1-Nitrogen	Flared Volume for C-129
24.3777	0.243777	0.756223	**272.7**

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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 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 316984
	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 316984

QUESTIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 316984
	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	53
Nitrogen (N2) percentage, if greater than one percent	24
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 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 316984
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	02/12/2024
Time vent or flare was discovered or commenced	09:00 AM
Time vent or flare was terminated	11:59 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: 273 Mcf | Recovered: 0 Mcf | Lost: 273 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 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 316984
	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

Action 316984

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 316984
	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.	2/23/2024