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

Analysis No: PD20240080
Cust No: 21250-10734

Well/Lease Information

Customer Name: DJR Portable
Well Name: VCU H14-302H
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: 11.35 AM
Sampled By: ERIK
Sampled by (CO): ABC

Analysis

Component::	Mole%:	Unormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	56.6018	49.3300	6.2370	0.00	0.5475
CO2	0.2777	0.2420	0.0470	0.00	0.0042
Methane	29.4792	25.6920	5.0060	297.74	0.1633
Ethane	4.5082	3.9290	1.2080	79.78	0.0468
Propane	5.0678	4.4167	1.3980	127.51	0.0772
Iso-Butane	0.6514	0.5677	0.2140	21.18	0.0131
N-Butane	1.5858	1.3821	0.5010	51.73	0.0318
I-Pentane	0.3764	0.3280	0.1380	15.06	0.0094
N-Pentane	0.3714	0.3237	0.1350	14.89	0.0093
Hexane Plus	1.0803	0.9415	0.4830	56.94	0.0358
Total	100.0000	87.1527	15.3670	664.84	0.9382

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

COMPRESSIBLITY FACTOR	(1/Z):	1.0019	CYLINDER #:	1496
BTU/CU.FT IDEAL:		666.4	CYLINDER PRESSURE:	88 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):		667.6	ANALYIS DATE:	02/22/2024
BTU/CU.FT (WET) CORRECTED FOR (1/Z):		656.0	ANALYIS TIME:	11:33:48 AM
DRY BTU @ 15.025:		681.0	ANALYSIS RUN BY:	HEATHER ALEXANDER
REAL SPECIFIC GRAVITY:		0.9396		

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 H14-302H METER RUN 02/22/2024
Stn. No.: 21250-10734
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:	PD20240080	PD20240061	PD20240041	PD20240025	PD20230687	PD20230667	PD20230643
Nitrogen:	56.6018	66.9283	67.1837	82.3367	12.1517	11.5399	11.8026
CO2:	0.2777	0.2203	0.1958	0.1363	0.4293	0.4206	0.4337
Methane:	29.4792	23.2276	23.1124	12.1607	66.4923	60.9787	65.8670
Ethane:	4.5082	2.7195	3.0859	1.2542	7.7109	7.8152	7.8100
Propane:	5.0678	3.4244	3.4023	1.9465	8.8564	11.4359	9.0456
I-Butane:	0.6514	0.5036	0.4498	0.2862	0.9727	1.6810	1.1355
N-Butane:	1.5858	1.3483	1.1183	0.7572	2.2520	4.0082	2.6040
I-Pentane:	0.3764	0.3577	0.2692	0.2016	0.4016	0.7258	0.4578
N-Pentane:	0.3714	0.3260	0.2592	0.1991	0.3462	0.6444	0.3963
Hexane+:	1.0803	0.9443	0.9234	0.7215	0.3869	0.7503	0.4475
BTU:	667.6	508.3	496.4	283.0	1193.2	1331.0	1218.0
GPM:	15.3670	14.2860	14.2230	12.8230	18.7190	19.6520	18.8880
SPG:	0.9396	0.9461	0.9407	0.9636	0.8059	0.8879	0.8182

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
PD20230621	PD20230586	PD20230577	PD20230508	PD20230468	PD20230424	PD20230385
12.5608	15.2874	12.6741	12.9200	13.8487	14.0344	13.0440
0.4290	0.4197	0.4285	0.4091	0.4019	0.3949	0.4132
63.8685	63.5216	64.0434	65.7589	64.7864	63.4073	63.0800
7.5166	7.3520	7.7452	7.2736	7.4636	7.7050	8.0930
9.7279	8.3557	9.6468	8.7646	9.0079	9.1445	10.4591
1.2454	1.1420	1.2509	1.0450	1.0582	1.1880	1.2529
2.9229	2.5051	2.6415	2.4563	2.3241	2.7037	2.6790
0.5679	0.4743	0.5223	0.4578	0.3803	0.4922	0.4005
0.5127	0.4251	0.4669	0.4124	0.3346	0.4299	0.3186
0.6483	0.5171	0.5804	0.5023	0.3943	0.5001	0.2597
1243.9	1170.8	1231.2	1195.9	1179.6	1204.2	1221.6
19.0550	18.5720	18.9840	18.7190	18.6300	18.8050	18.9450
0.8429	0.8249	0.8359	0.8155	0.8148	0.8325	0.8333

DJR Portable

WELL ANALYSIS COMPARISON

Lease: VCU H14-302H METER RUN 02/22/2024
Stn. No.: 21250-10734
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
PD20230350	PD20230311	PD20230268	PD20230236	PD20230203	PD20230177	PD20230151
10.8875	15.5250	16.4466	18.4171	17.9133	17.7706	18.6122
0.4113	0.3884	0.4036	0.3962	0.3884	0.4087	0.3961
56.5977	59.7336	64.4281	61.4481	64.2445	63.0016	60.4928
9.2583	7.9439	7.5901	7.5222	7.0234	7.8112	7.0274
14.2790	10.6147	5.8696	5.7715	5.4581	6.0420	8.3187
1.9328	1.3626	1.1289	1.4954	1.1511	1.1416	1.1089
4.3520	2.8780	2.6912	3.2887	2.6354	2.4038	2.6484
0.7915	0.5275	0.4971	0.5365	0.3984	0.4511	0.4988
0.6992	0.4693	0.4370	0.4901	0.3480	0.4173	0.4360
0.7907	0.5570	0.5078	0.6342	0.4394	0.5521	0.4607
1411.5	1226.0	1127.7	1135.9	1092.9	1112.1	1135.3
20.2730	18.9850	18.2880	18.3540	18.0370	18.2060	18.3440
0.9325	0.8624	0.8093	0.8356	0.8023	0.8135	0.8372

01/26/2023	01/23/2023	01/19/2023	01/16/2023	01/12/2023	01/09/2023	01/05/2023
01/26/2023	01/23/2023	01/19/2023	01/16/2023	01/12/2023	01/09/2023	01/05/2023
PD20230134	PD20230120	PD20230106	PD20230094	PD20230077	PD20230058	PD20230037
18.4830	18.7954	20.4967	18.0552	31.4891	23.9265	27.0697
0.3896	0.3845	0.3833	0.3805	0.3528	0.3601	0.3116
61.7125	58.9657	52.8143	55.8701	43.3820	57.7363	50.7533
6.6075	7.9547	8.0337	7.7634	7.7497	6.4255	7.6894
8.1790	9.3708	11.7403	11.1115	8.3156	7.4620	6.4790
1.0149	1.0446	1.6653	1.4442	1.0497	0.9349	1.6699
2.3143	2.2877	3.4758	3.4596	2.6451	2.0910	3.7463
0.4403	0.4090	0.5063	0.6390	0.6267	0.3724	0.8375
0.3965	0.3636	0.4289	0.5744	0.5695	0.3222	0.7388
0.4624	0.4240	0.4554	0.7021	3.8198	0.3691	0.7045
1118.7	1140.5	1207.6	1234.6	1161.9	1035.9	1094.7
18.2110	18.4300	18.9130	19.0510	18.6320	17.6860	18.1510
0.8250	0.8422	0.9036	0.8948	0.9915	0.8293	0.9001

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WELL ANALYSIS COMPARISON

Lease: VCU H14-302H METER RUN 02/22/2024
Stn. No.: 21250-10734
Mtr. No.:

01/02/2023	12/29/2022	12/26/2022	12/22/2022	12/19/2022	12/15/2022	12/12/2022
01/02/2023	12/29/2022	12/26/2022	12/22/2022	12/19/2022	12/15/2022	12/12/2022
PD20230017	PD20222533	PD20222509	PD20222483	PD20222458	PD20222434	PD20222410
26.5685	32.2704	30.6791	32.2139	34.5073	39.6095	38.7573
0.3351	0.3279	0.3242	0.3323	0.3175	0.2990	0.2959
53.1360	48.7614	51.8165	50.9720	49.9150	48.0845	45.8301
7.6771	7.1841	6.5403	6.3798	5.7107	5.0207	5.5492
6.4839	6.1543	5.5897	5.4799	4.9287	4.4216	4.8128
1.4765	1.2619	1.1682	1.1122	1.0654	0.6864	1.0477
3.1000	2.7464	2.4681	2.3111	2.2896	1.3418	2.2077
0.4624	0.5054	0.4942	0.4197	0.4383	0.2185	0.4418
0.3709	0.4342	0.4507	0.3728	0.3897	0.1824	0.4053
0.3896	0.3540	0.4690	0.4063	0.4378	0.1356	0.6522
1044.4	966.3	965.6	934.9	899.0	778.3	860.6
17.8160	17.3120	17.2590	17.0600	16.8020	16.0020	16.5670
0.8626	0.8731	0.8557	0.8524	0.8535	0.8299	0.8739

12/08/2022	12/01/2022	11/28/2022	11/24/2022	11/21/2022	11/17/2022	11/15/2022
12/08/2022	12/01/2022	11/28/2022	11/24/2022	11/21/2022	11/17/2022	11/15/2022
PD20222385	PD20222332	PD20222302	PD20222271	PD20222240	PD20222207	PD20222174
39.6180	44.5271	46.8148	50.9946	42.8156	46.3508	37.4808
0.3361	0.2814	0.2835	0.3258	0.3111	0.2942	0.3645
44.2637	37.6846	36.8707	33.2018	37.2463	38.2615	42.0603
7.1188	5.7353	5.2780	5.4687	6.9251	5.7730	7.7589
6.1320	5.0399	4.6296	4.8248	6.1270	5.2144	6.8259
1.2547	1.5033	1.3934	1.2213	1.6815	0.9279	1.2520
0.0000	3.3533	2.7571	2.6595	3.5116	1.9378	2.7687
0.4466	0.6744	0.4797	0.4790	0.5746	0.3832	0.5189
0.3878	0.5977	0.4402	0.4092	0.4649	0.3521	0.4504
0.4423	0.6030	1.0530	0.4153	0.3423	0.5051	0.5196
828.6	854.0	813.7	740.7	886.2	772.7	935.9
16.4580	16.5770	16.3020	15.8640	16.8470	16.0530	17.1820
0.8629	0.9310	0.9295	0.9276	0.9338	0.8981	0.9097

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WELL ANALYSIS COMPARISON

Lease: VCU H14-302H METER RUN 02/22/2024

Stn. No.: 21250-10734

Mtr. No.:

11/10/2022	11/07/2022	11/03/2022
11/10/2022	11/07/2022	11/03/2022
PD20222142	PD20222087	PD20222065
48.2817	65.8110	75.5751
0.2455	0.1931	0.1405
36.6348	24.1921	16.3487
5.6456	2.9804	2.4165
5.0224	2.7089	2.2233
0.8847	0.8335	0.7556
2.0556	1.9916	1.7540
0.4135	0.4296	0.3200
0.3661	0.3874	0.2689
0.4501	0.4724	0.1974
750.3	516.9	380.9
15.9070	14.3440	13.4820
0.9035	0.9393	0.9547

Location:	VCU 302H	Date:	2/24/2024
Prams	Prams/24 hours	Hours Flared	Flare Volume (Mcf)
845	35.20833333	24	845
Nitrogen Mole %		1-Nitrogen	Flared Volume for C-129
56.6018	0.566018	0.433982	**366.7**

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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: 320449
	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 320449

QUESTIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 320449
	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	**[30-043-21403] VENADO CANYON UNIT #302H**
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	29
Nitrogen (N2) percentage, if greater than one percent	57
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: 320449
	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: 367 Mcf | Recovered: 0 Mcf | Lost: 367 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: 320449
	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: 320449
	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.	3/5/2024