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

Analysis No: PD20240102
Cust No: 21250-10736

Well/Lease Information

Customer Name: DJR Portable
Well Name: VCU H14-503H
County/State:
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.:

Heat Trace: N
Remarks:

Source: METER RUN
Well Flowing: Y
Pressure: 53 PSIG
Flow Temp: DEG. F
Ambient Temp: 56 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 02/26/2024
Sample Time: 2.37 PM
Sampled By: ERIK
Sampled by (CO): ABC

Analysis

Component::	Mole%:	Unormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	16.4339	15.6290	1.8140	0.00	0.1589
CO2	0.3649	0.3470	0.0620	0.00	0.0055
Methane	59.5010	56.5870	10.1220	600.96	0.3296
Ethane	10.4824	9.9690	2.8130	185.51	0.1088
Propane	7.9715	7.5811	2.2040	200.57	0.1214
Iso-Butane	1.0824	1.0294	0.3550	35.20	0.0217
N-Butane	2.5435	2.4189	0.8050	82.98	0.0510
I-Pentane	0.5457	0.5190	0.2000	21.83	0.0136
N-Pentane	0.4833	0.4596	0.1760	19.37	0.0120
Hexane Plus	0.5914	0.5624	0.2650	31.17	0.0196
Total	100.0000	95.1024	18.8160	1177.59	0.8422

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

COMPRESSIBLITY FACTOR (1/Z):	1.0037
BTU/CU.FT IDEAL:	1180.3
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1184.7
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1164.1
DRY BTU @ 15.025:	1208.4
REAL SPECIFIC GRAVITY:	0.845

CYLINDER #:	1807
CYLINDER PRESSURE:	53 PSIG
ANALYIS DATE:	02/26/2024
ANALYIS TIME:	02:31:04 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: 02/26/2024**
GC Method: C6+ Gas

DJR Portable

WELL ANALYSIS COMPARISON

Lease: VCU H14-503H METER RUN 02/26/2024
Stn. No.: 21250-10736
Mtr. No.:

Smpl Date:	02/26/2024	02/22/2024	02/19/2024	02/15/2024	02/13/2024	03/27/2023	03/23/2023
Test Date:	02/26/2024	02/22/2024	02/19/2024	02/15/2024	02/13/2024	03/27/2023	03/23/2023
Run No:	PD20240102	PD20240082	PD20240059	PD20240043	PD20240027	PD20230689	PD20230669
Nitrogen:	16.4339	37.8629	43.2059	9.3079	7.0243	18.2491	17.8087
CO2:	0.3649	0.3372	0.3253	0.3682	0.3484	0.4095	0.4187
Methane:	59.5010	41.8548	39.6826	65.2041	64.1630	58.6731	59.9547
Ethane:	10.4824	7.7502	6.1757	11.8412	12.7859	7.4969	7.5675
Propane:	7.9715	7.8285	6.2726	7.9626	9.8124	9.1312	9.1321
I-Butane:	1.0824	0.9002	0.8877	0.9811	1.1696	1.3424	1.1401
N-Butane:	2.5435	2.1354	2.2671	2.2752	2.6998	3.1780	2.7916
I-Pentane:	0.5457	0.4914	0.0000	0.7057	0.6091	0.5407	0.4662
N-Pentane:	0.4833	0.4357	0.5460	0.6176	0.5736	0.4636	0.3290
Hexane+:	0.5914	0.4037	0.6371	0.7364	0.8139	0.5155	0.3914
BTU:	1184.7	918.8	830.0	1274.4	1346.7	1176.8	1156.6
GPM:	18.8160	17.0750	16.4370	19.4250	19.9460	18.6460	18.5120
SPG:	0.8450	0.9023	0.9020	0.8266	0.8483	0.8602	0.8426

	03/20/2023	03/16/2023	03/13/2023	03/09/2023	03/06/2023	03/02/2023	02/28/2023
	03/20/2023	03/16/2023	03/13/2023	03/09/2023	03/06/2023	03/02/2023	02/28/2023
	PD20230645	PD20230623	PD20230588	PD20230575	PD20230511	PD20230470	PD20230426
	15.2330	14.4030	15.5225	14.1809	13.0256	12.8839	19.9596
	0.4194	0.4530	0.4210	0.4309	0.3034	0.3432	0.2909
	60.7665	63.4507	56.4899	52.8077	53.1600	54.8449	53.5304
	7.6317	7.9607	8.2500	8.5414	8.9287	8.7584	7.8323
	9.7925	9.1699	12.1319	14.4453	15.0496	14.3097	11.3287
	1.3942	0.9846	1.7202	2.2255	2.1947	2.0519	1.5599
	3.2146	2.1369	4.1927	5.5337	5.3365	4.8642	3.7179
	0.5586	0.5183	0.4913	0.7758	0.8392	0.7978	0.6797
	0.4273	0.4150	0.3637	0.5070	0.6340	0.6427	0.5615
	0.5622	0.5079	0.4168	0.5518	0.5283	0.5033	0.5391
	1222.1	1185.3	1279.2	1391.8	1416.7	1388.9	1222.3
	18.9360	18.6990	19.3640	20.1360	20.3060	20.1100	18.9840
	0.8573	0.8252	0.8970	0.9553	0.9569	0.9382	0.9058

DJR Portable

WELL ANALYSIS COMPARISON

Lease: VCU H14-503H METER RUN 02/26/2024
Stn. No.: 21250-10736
Mtr. No.:

02/23/2023	02/20/2023	02/16/2023	02/13/2023	02/09/2023	02/06/2023	02/02/2023
02/23/2023	02/20/2023	02/16/2023	02/13/2023	02/09/2023	02/06/2023	02/02/2023
PD20230387	PD20230352	PD20230313	PD20230270	PD20230238	PD20230205	PD20230180
14.1201	15.2608	20.9021	18.9597	28.0676	23.1547	21.3442
0.3514	0.3144	0.3115	0.3059	0.3161	0.3295	0.3746
53.5560	55.4071	53.9439	57.5123	51.1894	53.1242	51.4386
8.7431	8.4881	8.0169	9.0966	7.5985	8.6772	8.7897
14.5610	12.9112	11.5235	6.9885	5.9201	6.6913	6.7134
2.0008	1.7382	1.3467	1.7497	1.6507	1.9906	2.4294
4.8145	4.0338	2.5752	3.8241	3.8050	4.5585	5.8575
0.7911	0.7236	0.4508	0.5881	0.6156	0.6700	1.1123
0.5980	0.5905	0.3778	0.4612	0.4560	0.4902	0.9463
0.4640	0.5323	0.5516	0.5139	0.3810	0.3138	0.9940
1374.2	1312.5	1173.8	1175.5	1046.9	1141.7	1257.3
20.0230	19.5930	18.6830	18.7010	17.8350	18.4860	19.2450
0.9421	0.9140	0.8849	0.8653	0.8800	0.8887	0.9448
01/30/2023	01/23/2023	01/19/2023	01/19/2023	01/16/2023	01/12/2023	01/09/2023
01/30/2023	01/23/2023	01/19/2023	01/19/2023	01/16/2023	01/12/2023	01/09/2023
PD20230153	PD20230122	PD20230109	PD20230108	PD20230096	PD20230079	PD20230060
23.0240	20.0903	26.6484	10.3987	19.4355	31.3388	29.0600
0.3157	0.3201	0.3235	0.1726	0.3321	0.3306	0.3287
50.3745	47.6971	45.8944	24.0357	46.4907	45.0347	51.4939
7.4165	8.1679	7.2008	4.9903	8.3226	6.9175	6.5278
11.7199	14.5122	12.4856	55.7272	15.9718	8.4900	8.1419
1.7117	2.0591	1.7516	1.7312	2.3959	1.0837	0.9800
4.0314	4.9782	4.0477	1.9783	5.5191	2.6184	2.2140
0.6215	0.9193	0.6675	0.3436	0.6814	0.6356	0.4336
0.4835	0.7027	0.5221	0.2928	0.4669	0.5855	0.3661
0.3013	0.5531	0.4584	0.3296	0.3840	2.9652	0.4540
1189.6	1324.4	1173.3	1920.7	1352.8	1123.7	1005.8
18.7760	19.7080	18.6900	23.7370	19.9130	18.3440	17.5310
0.9179	0.9734	0.9463	1.2499	0.9848	0.9649	0.8642

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WELL ANALYSIS COMPARISON

Lease: VCU H14-503H METER RUN 02/26/2024
Stn. No.: 21250-10736
Mtr. No.:

01/05/2023	01/02/2023	12/29/2022	12/26/2022	12/22/2022	12/19/2022	12/15/2022
01/05/2023	01/02/2023	12/29/2022	12/26/2022	12/22/2022	12/19/2022	12/15/2022
PD20230038	PD20230019	PD20222535	PD20222511	PD20222485	PD20222460	PD20222436
34.5389	33.7770	36.5859	37.3794	39.2109	34.4561	35.2488
0.2319	0.2887	0.2735	0.3031	0.3288	0.3799	0.3244
47.6355	49.9218	44.6853	44.0553	40.5791	42.4325	44.8598
6.4132	6.5399	6.7975	7.1143	6.9794	7.7788	7.0926
5.5242	5.6473	5.8515	6.1054	6.0008	6.6172	6.0732
1.3323	0.9775	1.4519	1.3072	1.6717	1.9354	1.7296
2.6921	1.9177	3.1055	2.7811	3.7720	4.3085	3.2860
0.5406	0.3562	0.5250	0.4572	0.6491	0.7707	0.4964
0.4678	0.2876	0.4034	0.3308	0.5013	0.6519	0.4161
0.6235	0.2863	0.3205	0.1662	0.3069	0.6690	0.4731
942.7	901.5	926.1	902.4	928.7	1034.2	961.2
17.1240	16.8560	17.0530	16.9220	17.1030	17.8140	17.3000
0.8807	0.8468	0.8924	0.8860	0.9231	0.9412	0.9016
12/12/2022	12/08/2022	12/05/2022	12/01/2022	12/01/2022	11/28/2022	11/24/2022
12/12/2022	12/08/2022	12/05/2022	12/01/2022	12/01/2022	11/28/2022	11/24/2022
PD20222412	PD20222387	PD20222362	PD20222335	PD20222334	PD20222304	PD20222273
44.0664	44.0521	40.0441	47.2808	39.4952	50.5972	63.5786
0.3090	0.3329	0.3723	0.3389	0.2010	0.2969	0.2817
38.3510	39.1627	36.9855	37.0402	25.4957	33.6083	24.7047
5.9447	7.2316	7.6313	5.9169	15.4788	5.1010	3.7565
5.1705	6.2368	6.5443	5.2865	12.3529	4.5061	3.3957
1.3423	1.7083	2.0126	0.9219	3.5674	1.1809	0.9680
3.0087	0.0000	4.1822	1.8795	2.2483	2.6572	2.0800
0.6631	0.4984	0.8470	0.4255	0.3480	0.5439	0.4147
0.5529	0.3784	0.6693	0.3738	0.3090	0.4721	0.3457
0.5914	0.3988	0.7114	0.5360	0.5037	1.0364	0.4744
848.4	795.6	978.7	766.8	1091.2	767.0	558.3
16.5480	16.2810	17.4820	16.0310	18.6520	16.0070	14.6500
0.9229	0.8889	0.9649	0.9049	1.0284	0.9399	0.9436

DJR Portable

WELL ANALYSIS COMPARISON

Lease: VCU H14-503H METER RUN 02/26/2024

Stn. No.: 21250-10736

Mtr. No.:

11/21/2022	11/17/2022	11/15/2022	11/10/2022
11/21/2022	11/17/2022	11/15/2022	11/10/2022
PD20222242	PD20222209	PD20222176	PD20222144
61.4044	67.8027	58.5717	70.3841
0.2594	0.2027	0.2221	0.1536
26.4321	21.6532	27.5644	20.3473
3.9744	3.2763	5.0555	3.4531
3.7167	3.1121	4.6870	3.2028
0.9542	0.8419	0.8515	0.5075
2.0155	1.8562	1.9559	1.1922
0.4012	0.4133	0.4116	0.2630
0.3448	0.3503	0.3463	0.2258
0.4973	0.4913	0.3340	0.2706
586.0	501.2	627.8	437.9
14.8280	14.2710	15.1410	13.8760
0.9379	0.9505	0.9339	0.9363

Location:	VCU 503H	Date:	2/26/2024
Prams	Prams/24 hours	Hours Flared	Flare Volume (Mcf)
427	17.79166667	24	427
Nitrogen Mole %		1-Nitrogen	Flared Volume for C-129
16.4339	0.164339	0.835661	**356.8**

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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: 320312
	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 320312

QUESTIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 320312
	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	**[30-043-21405] VENADO CANYON UNIT #503H**
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	60
Nitrogen (N2) percentage, if greater than one percent	16
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: 320312
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	02/26/2024
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: 357 Mcf | Recovered: 0 Mcf | Lost: 357 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: 320312
	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 320312

CONDITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 320312
	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