



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

Analysis No: PD20240020
Cust No: 21250-10743

Well/Lease Information

Customer Name: DJR Portable
Well Name: VCU L12-203H
County/State:
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.:

Source: METER RUN
Well Flowing: Y
Pressure: 87 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: 3.45 PM
Sampled By: ERIK
Sampled by (CO): ABC

Heat Trace: N
Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	51.8573	46.8450	5.7150	0.00	0.5016
CO2	0.1982	0.1790	0.0340	0.00	0.0030
Methane	33.0239	29.8320	5.6080	333.54	0.1829
Ethane	6.1549	5.5600	1.6490	108.92	0.0639
Propane	5.3460	4.8293	1.4750	134.51	0.0814
Iso-Butane	0.6997	0.6321	0.2290	22.75	0.0140
N-Butane	1.6200	1.4634	0.5120	52.85	0.0325
I-Pentane	0.3720	0.3360	0.1360	14.88	0.0093
N-Pentane	0.3496	0.3158	0.1270	14.01	0.0087
Hexane Plus	0.3784	0.3418	0.1690	19.95	0.0125
Total	100.0000	90.3344	15.6540	701.42	0.9098

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0019
BTU/CU.FT IDEAL: 703.0
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 704.4
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 692.1
DRY BTU @ 15.025: 718.5
REAL SPECIFIC GRAVITY: 0.9112

CYLINDER #: 1416
CYLINDER PRESSURE: 87 PSIG
ANALYSIS DATE: 02/13/2024
ANALYSIS TIME: 03:44:31 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 L12-203H

METER RUN

02/13/2024

Stn. No.:

21250-10743

Mtr. No.:

Smpl Date:	02/13/2024	03/02/2023	02/23/2023	02/20/2023	01/09/2023	01/05/2023	12/29/2022
Test Date:	02/13/2024	03/02/2023	02/23/2023	02/20/2023	01/09/2023	01/05/2023	12/29/2022
Run No:	PD20240020	PD20230464	PD20230381	PD20230346	PD20230053	PD20230033	PD20222528
Nitrogen:	51.8573	19.0129	19.2416	20.6943	30.3949	34.3168	35.7952
CO2:	0.1982	0.4556	0.4782	0.4551	0.3927	0.3416	0.3465
Methane:	33.0239	54.1876	55.9005	54.4935	43.9779	44.2893	43.2305
Ethane:	6.1549	10.2625	9.2542	10.1472	8.7598	8.5075	8.1100
Propane:	5.3460	9.5133	8.9754	8.9654	9.7595	7.3185	7.0060
I-Butane:	0.6997	1.1452	1.1712	0.9834	1.3674	1.1213	1.0320
N-Butane:	1.6200	3.0552	3.1278	2.4165	3.4340	2.5109	2.5462
I-Pentane:	0.3720	0.6953	0.6915	0.5387	0.6884	0.5217	0.6052
N-Pentane:	0.3496	0.6640	0.5970	0.5201	0.6181	0.5196	0.5985
Hexane+:	0.3784	1.0084	0.5626	0.7858	0.6073	0.5528	0.7299
BTU:	704.4	1220.6	1182.8	1157.1	1092.0	976.3	964.8
GPM:	15.6540	19.0770	18.7790	18.6600	18.2370	17.4630	17.3760
SPG:	0.9112	0.8972	0.8757	0.8743	0.9351	0.9016	0.9100
	12/26/2022	12/22/2022	12/19/2022	12/15/2022	12/12/2022	12/08/2022	12/05/2022
	12/26/2022	12/22/2022	12/19/2022	12/15/2022	12/12/2022	12/08/2022	12/05/2022
	PD20222504	PD20222478	PD20222453	PD20222428	PD20222405	PD20222380	PD20222356
	37.4485	36.8577	36.6502	43.3159	44.3521	42.1929	44.3145
	0.3452	0.3532	0.3553	0.3165	0.3251	0.3119	0.3099
	41.3810	43.1819	41.6475	37.3748	36.5241	41.6610	38.7578
	8.1532	7.7391	8.6225	7.3323	7.2610	6.7721	6.5440
	7.0449	6.6920	7.4225	6.4292	6.3675	5.8921	5.7739
	1.1278	1.0895	1.2578	1.0105	0.9630	0.8418	0.8883
	2.7883	2.4889	2.8361	2.4314	2.3588	0.0000	2.1211
	0.6254	0.5324	0.4983	0.5944	0.5665	0.5196	0.4406
	0.5666	0.5077	0.4259	0.5610	0.5721	0.5540	0.4057
	0.5191	0.5576	0.2839	0.6340	0.7098	1.2546	0.4442
	947.1	933.8	950.2	865.0	853.0	829.2	811.7
	17.2720	17.1590	17.3170	16.7240	16.6500	16.4510	16.3380
	0.9162	0.9015	0.9099	0.9256	0.9290	0.8905	0.9017



DJR Portable

WELL ANALYSIS COMPARISON

Lease: VCU L12-203H

METER RUN

02/13/2024

Stn. No.:

21250-10743

Mtr. No.:

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
PD20222327	PD20222297	PD20222266	PD20222235	PD20222202	PD20222169	PD20222137
47.9954	42.7902	53.1105	46.4285	52.5903	55.6180	66.2998
0.2986	0.3004	0.2796	0.3238	0.3052	0.2965	0.2251
35.6385	36.9442	30.5328	36.5246	31.2926	29.7101	21.4814
6.3614	5.5414	6.1328	6.2985	5.7333	5.2247	4.5097
5.7006	4.8427	5.4616	5.7083	5.2425	4.8092	4.1378
0.7854	1.0652	0.9084	0.8851	0.8367	0.7553	0.6048
1.8689	2.5440	2.0608	2.1005	2.0142	1.8295	1.4938
0.4124	1.1297	0.4596	0.4878	0.4803	0.4300	0.3282
0.4085	1.2125	0.4505	0.4599	0.4765	0.4246	0.3110
0.5303	3.6297	0.6034	0.7830	1.0284	0.9021	0.6084
766.7	1001.7	722.5	804.2	738.1	682.4	528.9
16.0540	17.5190	15.7870	16.2920	15.8650	15.4930	14.5080
0.9118	1.0085	0.9376	0.9198	0.9426	0.9389	0.9526
11/08/2022	11/07/2022	11/06/2022				
11/08/2022	11/07/2022	11/06/2022				
PD20222110	PD20222091	PD20222067				
64.9505	51.4135	47.0166				
0.2113	0.2318	0.2275				
23.0867	31.8677	36.4290				
4.4959	6.5242	6.8212				
4.1007	5.8305	6.0871				
0.5554	0.7269	0.6301				
1.3428	1.8054	1.4971				
0.3346	0.4353	0.3617				
0.3478	0.4293	0.3631				
0.5743	0.7354	0.5666				
537.4	743.2	773.4				
14.5540	15.9290	16.1140				
0.9434	0.9321	0.9045				

Location:	VCU 203H	Date:	2/16/2024
Prams	Prams/24 hours	Hours Flared	Flare Volume (Mcf)
551	22.95833333	10	229.5833333
Nitrogen Mole %		1-Nitrogen	Flared Volume for C-129
51.8573	0.518573	0.481427	110.5

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DEFINITIONS

Action 321074

DEFINITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 321074
	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 321074

QUESTIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 321074
	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	[30-043-21289] VENADO CANYON UNIT #203H
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 additional 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	33
Nitrogen (N2) percentage, if greater than one percent	52
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, Page 2

Action 321074

QUESTIONS (continued)

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 321074
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	02/16/2024
Time vent or flare was discovered or commenced	08:00 AM
Time vent or flare was terminated	06:00 PM
Cumulative hours during this event	10

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: 111 Mcf Recovered: 0 Mcf Lost: 111 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

Action 321074

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	Action Number: 321074
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

☒	I acknowledge that I am authorized to submit a <i>Venting and/or Flaring</i> (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 321074

CONDITIONS

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	Action Number: 321074
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
Ilain	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.	3/7/2024