



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

Analysis No: PD20240086
Cust No: 21250-10510

Well/Lease Information

Customer Name: DJR Portable
Well Name: VCU A11 207H
County/State:
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.:

Source: METER RUN
Well Flowing: Y
Pressure: 36 PSIG
Flow Temp: DEG. F
Ambient Temp: 59 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 02/22/2024
Sample Time: 1.56 PM
Sampled By: ERIK
Sampled by (CO): ABC

Heat Trace: N
Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	44.2202	45.6780	4.8740	0.00	0.4277
CO2	0.3398	0.3510	0.0580	0.00	0.0052
Methane	39.8270	41.1400	6.7650	402.25	0.2206
Ethane	6.1415	6.3440	1.6460	108.69	0.0638
Propane	5.5237	5.7058	1.5250	138.98	0.0841
Iso-Butane	0.7162	0.7398	0.2350	23.29	0.0144
N-Butane	1.8257	1.8859	0.5770	59.56	0.0366
I-Pentane	0.4391	0.4536	0.1610	17.57	0.0109
N-Pentane	0.4526	0.4675	0.1640	18.14	0.0113
Hexane Plus	0.5142	0.5311	0.2300	27.10	0.0170
Total	100.0000	103.2967	16.2350	795.59	0.8916

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0022
BTU/CU.FT IDEAL: 797.4
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 799.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 785.3
DRY BTU @ 15.025: 815.2
REAL SPECIFIC GRAVITY: 0.8932

CYLINDER #: 1420
CYLINDER PRESSURE: 36 PSIG
ANALYSIS DATE: 02/22/2024
ANALYSIS TIME: 01:53:20 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: 02/22/2024

GC Method: C6+ Gas



DJR Portable

WELL ANALYSIS COMPARISON

Lease: VCU A11 207H

METER RUN

02/22/2024

Stn. No.:

21250-10510

Mtr. No.:

Smpl Date:	02/22/2024	02/19/2024	02/15/2024	02/13/2024	01/16/2023	01/12/2023	01/09/2023
Test Date:	02/22/2024	02/19/2024	02/15/2024	02/13/2024	01/16/2023	01/12/2023	01/09/2023
Run No:	PD20240086	PD20240066	PD20240047	PD20240031	PD20230088	PD20230069	PD20230049
Nitrogen:	44.2202	50.4514	60.8696	74.1888	11.5653	19.2192	11.9336
CO2:	0.3398	0.3005	0.2284	0.2031	0.4306	0.3261	0.4277
Methane:	39.8270	35.1013	27.3130	16.6366	63.1190	45.8254	66.2327
Ethane:	6.1415	5.2597	4.1243	2.5710	10.0310	7.1385	9.4605
Propane:	5.5237	5.5267	4.2623	3.3378	8.9230	9.6514	7.5732
I-Butane:	0.7162	0.7150	0.5528	0.4760	1.1531	1.5903	0.8074
N-Butane:	1.8257	1.7632	1.4561	1.3366	3.0982	3.6706	1.9958
I-Pentane:	0.4391	0.0000	0.3691	0.3652	0.5925	0.7770	0.4600
N-Pentane:	0.4526	0.3925	0.3857	0.3946	0.5132	0.6854	0.4641
Hexane+:	0.5142	0.4897	0.4387	0.4903	0.5741	11.1161	0.6450
BTU:	799.2	712.0	577.1	414.3	1260.6	1666.6	1196.4
GPM:	16.2350	15.6590	14.7720	13.7090	19.2720	21.8630	18.8110
SPG:	0.8932	0.9028	0.9259	0.9625	0.8429	1.1857	0.8055
	01/05/2023	12/29/2022	12/26/2022	12/22/2022	12/19/2022	12/15/2022	12/12/2022
	01/05/2023	12/29/2022	12/26/2022	12/22/2022	12/19/2022	12/15/2022	12/12/2022
	PD20230029	PD20222524	PD20222500	PD20222474	PD20222449	PD20222426	PD20222401
	13.7576	13.1098	17.4074	20.0596	15.4243	27.3953	16.2815
	0.3733	0.3665	0.3691	0.3589	0.3675	0.3472	0.3518
	63.2006	63.5039	58.1613	56.2574	62.3861	50.8876	61.0628
	9.7799	9.4718	9.6112	9.0612	9.3417	8.3198	8.9783
	8.1182	7.8307	7.9870	7.5470	7.7637	7.0528	7.4598
	1.0282	1.1003	1.2315	1.2829	1.0322	1.1754	0.9567
	2.1972	2.8553	3.1826	3.0771	2.5061	3.0546	2.3133
	0.4437	0.6197	0.7388	0.7329	0.4114	0.6593	0.4642
	0.4335	0.5807	0.7211	0.6861	0.3483	0.6095	0.4557
	0.6678	0.5613	0.5900	0.9369	0.4187	0.4985	1.6759
	1198.3	1220.1	1199.2	1173.8	1165.3	1059.4	1202.4
	18.8560	18.9740	18.8760	18.6990	18.6250	17.9540	18.8530
	0.8253	0.8324	0.8649	0.8768	0.8218	0.8813	0.8547



DJR Portable

WELL ANALYSIS COMPARISON

Lease: VCU A11 207H

Stn. No.:

Mtr. No.:

METER RUN

02/22/2024

21250-10510

12/08/2022	12/05/2022	12/01/2022	11/28/2022	11/24/2022	11/21/2022	11/17/2022
12/08/2022	12/05/2022	12/01/2022	11/28/2022	11/24/2022	11/21/2022	11/17/2022
PD20222376	PD20222351	PD20222322	PD20222292	PD20222261	PD20222230	PD20222197
18.4703	21.4765	25.8970	53.3953	27.9176	28.1645	36.8346
0.3183	0.3335	0.3297	0.2680	0.3419	0.3523	0.3553
58.4579	57.0999	52.6081	25.5589	50.4631	51.6569	43.4808
8.7937	8.8056	8.4043	4.3220	8.4142	8.1148	7.5268
7.2800	7.4174	7.1722	3.8290	7.1225	7.0297	6.6241
1.0226	1.0246	1.0458	1.3985	1.1084	0.9262	0.9728
0.0000	2.3223	2.5146	3.8265	2.7527	2.2238	2.3525
0.5272	0.5010	0.5596	1.6552	0.5491	0.4571	0.5253
0.5630	0.4775	0.5492	1.5242	0.4998	0.4331	0.5165
4.5670	0.5417	0.9195	4.2224	0.8307	0.6416	0.8113
1255.4	1102.2	1075.5	956.9	1055.2	1019.8	936.7
19.2040	18.2190	18.0500	17.2290	17.9330	17.6850	17.1690
0.9120	0.8453	0.8754	1.0927	0.8841	0.8640	0.9032
11/15/2022	11/10/2022	11/08/2022	11/07/2022	11/06/2022	08/24/2022	
11/15/2022	11/10/2022	11/08/2022	11/07/2022	11/06/2022	08/24/2022	
PD20222164	PD20222133	PD20222108	PD20222096	PD20222071	PD20221415	
35.9648	1.6703	54.9816	60.0572	48.7187	2.7153	
0.3559	0.3326	0.2628	0.2297	0.2356	0.3744	
43.1262	63.4544	31.5351	28.2910	35.7400	71.9500	
7.6002	15.1132	5.3919	4.4853	6.4239	10.9000	
6.6748	12.0388	4.8297	4.0778	5.7367	8.7021	
0.9243	1.4687	0.5920	0.5380	0.6172	1.1275	
2.2644	2.8621	1.4319	1.3441	1.4523	2.8718	
0.4504	0.7700	0.2807	0.3086	0.2889	0.6229	
0.4115	0.7888	0.2671	0.2992	0.2731	0.5907	
2.2275	1.5011	0.4272	0.3691	0.5136	0.1453	
999.4	1505.8	648.5	575.0	739.2	1333.8	
17.5750	21.0900	15.2710	14.7700	15.8780	19.7320	
0.9345	0.8929	0.9095	0.9159	0.9008	0.7945	

Location:	VCU 207H	Date:	2/24/2024
Prams	Prams/24 hours	Hours Flared	Flare Volume (Mcf)
684	28.5	24	684
Nitrogen Mole %		1-Nitrogen	Flared Volume for C-129
44.2202	0.442202	0.557798	381.5

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State of New Mexico
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DEFINITIONS

Action 321176

DEFINITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 321176
	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 321176

QUESTIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 321176
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Prerequisites <i>Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.</i>	
Incident Well	[30-043-21293] VENADO CANYON UNIT #207H
Incident Facility	Unavailable.

Determination of Reporting Requirements <i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i>	
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.
<i>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.</i>	
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 <i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	40
Nitrogen (N2) percentage, if greater than one percent	44
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
<i>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</i>	
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 321176

QUESTIONS (continued)

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 321176
	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: 382 Mcf Recovered: 0 Mcf Lost: 382 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 321176

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 321176
	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 321176

CONDITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 321176
	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