



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

Analysis No: PD20240021
Cust No: 21250-10744

Well/Lease Information

Customer Name: DJR Portable
Well Name: VCU L12-204H
County/State:
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.:

Source: METER RUN
Well Flowing: Y
Pressure: 67 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: 3.46 PM
Sampled By: Heather
Sampled by (CO): ABC

Heat Trace: N
Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	18.1080	17.7800	1.9990	0.00	0.1751
CO2	0.3137	0.3080	0.0540	0.00	0.0048
Methane	57.4912	56.4500	9.7800	580.66	0.3184
Ethane	10.9656	10.7670	2.9430	194.06	0.1138
Propane	8.0605	7.9145	2.2280	202.81	0.1227
Iso-Butane	0.9851	0.9673	0.3230	32.03	0.0198
N-Butane	2.2938	2.2523	0.7260	74.83	0.0460
I-Pentane	0.4463	0.4382	0.1640	17.86	0.0111
N-Pentane	0.3992	0.3920	0.1450	16.00	0.0099
Hexane Plus	0.9366	0.9196	0.4190	49.37	0.0310
Total	100.0000	98.1889	18.7810	1167.62	0.8528

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0037
BTU/CU.FT IDEAL: 1170.3
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1174.7
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1154.3
DRY BTU @ 15.025: 1198.2
REAL SPECIFIC GRAVITY: 0.8556

CYLINDER #: 1495
CYLINDER PRESSURE: 67 PSIG
ANALYSIS DATE: 02/13/2024
ANALYSIS TIME: 03:44:15 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 L12-204H

METER RUN

02/13/2024

Stn. No.:

21250-10744

Mtr. No.:

Smpl Date:	02/13/2024	03/13/2023	03/09/2023	03/06/2023	03/02/2023	02/28/2023	02/23/2023
Test Date:	02/13/2024	03/13/2023	03/09/2023	03/06/2023	03/02/2023	02/28/2023	02/23/2023
Run No:	PD20240021	PD20230583	PD20230581	PD20230505	PD20230465	PD20230421	PD20230382
Nitrogen:	18.1080	16.2909	17.2486	16.8610	18.8864	18.5484	19.5540
CO2:	0.3137	0.4978	0.5000	0.5042	0.4684	0.4941	0.4745
Methane:	57.4912	57.9680	57.5483	57.6500	55.8314	57.3833	55.6977
Ethane:	10.9656	9.0718	8.7666	8.6146	10.5940	8.8681	8.8751
Propane:	8.0605	8.9408	8.7516	8.5701	9.0202	8.5851	8.7004
I-Butane:	0.9851	1.2172	1.2196	1.1941	0.9953	1.0829	1.1240
N-Butane:	2.2938	3.1714	3.3021	3.4093	2.6081	2.8319	3.0756
I-Pentane:	0.4463	0.8493	0.7258	0.8623	0.5233	0.6217	0.7432
N-Pentane:	0.3992	0.8703	0.7269	0.8396	0.4486	0.6121	0.7167
Hexane+:	0.9366	1.1225	1.2105	1.4948	0.6243	0.9724	1.0388
BTU:	1174.7	1250.2	1233.8	1255.6	1174.7	1188.0	1196.0
GPM:	18.7810	19.1950	19.0780	19.2090	18.7860	18.7880	18.8460
SPG:	0.8556	0.8880	0.8877	0.8977	0.8664	0.8720	0.8876
	02/20/2023	02/16/2023	02/13/2023	02/09/2023	02/06/2023	01/30/2023	01/26/2023
	02/20/2023	02/16/2023	02/13/2023	02/09/2023	02/06/2023	01/30/2023	01/26/2023
	PD20230347	PD20230308	PD20230264	PD20230232	PD20230199	PD20230148	PD20230131
	19.7630	21.6337	22.5628	23.4331	23.0637	24.4874	26.0387
	0.4784	0.4537	0.4609	0.4611	0.4762	0.4543	0.4235
	56.1254	53.5207	55.3251	54.3379	54.2966	51.8461	47.9009
	8.8483	9.7837	8.8994	9.1871	9.1404	9.0510	9.8385
	8.4320	8.6786	6.9667	7.1604	7.0497	8.4707	9.3836
	1.0446	1.0219	0.9187	1.0385	1.0500	1.1280	1.2410
	2.7874	2.5964	2.5211	2.6068	2.7074	3.1296	3.3074
	0.6526	0.6396	0.6555	0.5704	0.5993	0.5947	0.7008
	0.6370	0.6554	0.6658	0.5195	0.5968	0.4747	0.6778
	1.2313	1.0163	1.0240	0.6852	1.0199	0.3635	0.4878
	1184.3	1162.4	1117.1	1096.3	1118.1	1104.0	1129.9
	18.7680	18.6830	18.3330	18.2180	18.3570	18.2810	18.5070
	0.8823	0.8877	0.8687	0.8645	0.8750	0.8806	0.9133



DJR Portable

WELL ANALYSIS COMPARISON

Lease: VCU L12-204H

METER RUN

02/13/2024

Stn. No.:

21250-10744

Mtr. No.:

01/23/2023	01/12/2023	01/09/2023	01/05/2023	01/02/2023	12/29/2022	12/26/2022
01/23/2023	01/12/2023	01/09/2023	01/05/2023	01/02/2023	12/29/2022	12/26/2022
PD20230117	PD20230073	PD20230054	PD20230034	PD20230013	PD20222529	PD20222505
25.8271	33.1988	29.8789	33.0018	29.5896	34.3095	36.7717
0.4431	0.3393	0.4211	0.3723	0.4008	0.3646	0.3617
50.5749	41.6799	49.9109	47.1286	49.2494	45.9515	44.4740
9.1607	6.3426	7.4076	8.1538	8.4653	7.6487	7.8603
8.7947	6.6766	7.2183	7.0379	7.2501	6.6055	6.8214
1.0415	1.0522	0.9744	0.9354	1.1186	0.9838	0.8791
2.7353	2.7052	2.2118	2.0606	2.4908	2.3288	1.6605
0.6008	0.7394	0.6446	0.4442	0.5427	0.5687	0.3777
0.5048	0.7135	0.5524	0.3930	0.5232	0.5610	0.3577
0.3171	6.5525	0.7800	0.4724	0.3695	0.6779	0.4359
1084.4	1236.4	1015.1	958.3	1014.8	959.5	899.4
18.1660	19.0550	17.6390	17.3190	17.6860	17.3060	16.9410
0.8821	1.0581	0.8805	0.8764	0.8768	0.8911	0.8785
12/22/2022	12/19/2022	12/15/2022	12/15/2022	12/12/2022	12/08/2022	12/05/2022
12/22/2022	12/19/2022	12/15/2022	12/15/2022	12/12/2022	12/08/2022	12/05/2022
PD20222479	PD20222454	PD20222430	PD20222429	PD20222406	PD20222381	PD20222357
37.9812	38.5531	37.7681	40.7122	41.3219	40.1826	42.9132
0.3446	0.3428	0.2893	0.3397	0.3430	0.3327	0.3147
42.8146	43.3940	33.0766	40.6924	39.8982	44.2204	40.7123
7.6152	6.6886	13.7228	7.0351	7.1608	6.5295	6.3442
6.6171	5.8110	10.8159	6.1488	6.2519	5.6640	5.5847
0.9929	0.9304	0.0000	1.0011	0.9214	0.9383	0.9097
2.1670	2.3592	2.4524	2.3763	2.5258	0.0000	2.1239
0.4744	0.6485	0.5313	0.5813	0.3998	0.4351	0.4160
0.4354	0.6221	0.5316	0.5716	0.3885	0.4238	0.3660
0.5576	0.6503	0.8120	0.5415	0.7887	1.2736	0.3153
906.9	899.6	1020.3	879.2	876.8	840.6	814.5
16.9820	16.8880	18.0410	16.7870	16.7830	16.5030	16.3360
0.8960	0.8975	0.9655	0.9073	0.9123	0.8767	0.8886



DJR Portable

WELL ANALYSIS COMPARISON

Lease: VCU L12-204H

METER RUN

02/13/2024

Stn. No.:

21250-10744

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
PD20222329	PD20222298	PD20222267	PD20222236	PD20222203	PD20222170	PD20222138
47.5557	46.6402	52.3158	45.0172	46.9083	53.0048	51.2831
0.2982	0.2787	0.2921	0.3487	0.3556	0.3345	0.2994
36.8435	32.5789	31.6344	39.0841	37.6456	32.1367	33.4834
6.4096	5.2427	5.9034	5.9646	5.7930	5.1055	5.8012
5.7372	4.6028	5.2439	5.3959	5.2517	4.6739	5.1835
0.7991	1.2210	0.8482	0.8539	0.8340	0.8272	0.7475
1.7053	2.9806	2.0943	2.0433	1.9797	2.0072	1.8627
0.2781	1.2699	0.4631	0.4259	0.3904	0.4773	0.4292
0.2321	1.3629	0.4469	0.3847	0.3559	0.4762	0.4096
0.1412	3.8223	0.7579	0.4817	0.4858	0.9567	0.5004
742.6	987.3	731.4	791.9	765.4	716.6	719.4
15.8990	17.4330	15.8280	16.1840	16.0140	15.6950	15.7370
0.8915	1.0400	0.9352	0.8972	0.9004	0.9337	0.9165
11/08/2022	11/07/2022	11/06/2022				
11/08/2022	11/07/2022	11/06/2022				
PD20222111	PD20222092	PD20222068				
64.4019	50.9640	47.7929				
0.2356	0.2457	0.2355				
24.7017	34.1531	36.8650				
3.9277	5.8294	6.2628				
3.5778	5.2170	5.6017				
0.5822	0.6551	0.6315				
1.4131	1.6146	1.4951				
0.3207	0.3837	0.3334				
0.3175	0.3743	0.3092				
0.5218	0.5631	0.4729				
529.1	716.4	747.3				
14.4660	15.7140	15.9160				
0.9327	0.9102	0.8961				

Location:	VCU 204H	Date:	2/16/2024
Prams	Prams/24 hours	Hours Flared	Flare Volume (Mcf)
293	12.20833333	10	122.0833333
Nitrogen Mole %		1-Nitrogen	Flared Volume for C-129
18.1080	0.18108	0.81892	100.0

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
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

Action 320983

DEFINITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 320983
	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.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
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

QUESTIONS

Action 320983

QUESTIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 320983
	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	[30-043-21290] VENADO CANYON UNIT #204H
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	57
Nitrogen (N2) percentage, if greater than one percent	18
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.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
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

QUESTIONS, Page 2

Action 320983

QUESTIONS (continued)

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 320983
	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: 100 Mcf Recovered: 0 Mcf Lost: 100 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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
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

ACKNOWLEDGMENTS

Action 320983

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 320983
	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.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
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

CONDITIONS

Action 320983

CONDITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 320983
	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.	3/6/2024