



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

Analysis No: PD20240062
Cust No: 21250-10733

Well/Lease Information

Customer Name: DJR Portable
Well Name: VCU H14-301H
County/State:
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.:

Source: METER RUN
Well Flowing: Y
Pressure: 51 PSIG
Flow Temp: DEG. F
Ambient Temp: 50 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 02/19/2024
Sample Time: 11.42 AM
Sampled By: ERIK
Sampled by (CO): ABC

Heat Trace: N
Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	44.1919	40.0700	4.8720	0.00	0.4274
CO2	0.3209	0.2910	0.0550	0.00	0.0049
Methane	38.6699	35.0630	6.5690	390.57	0.2142
Ethane	6.0305	5.4680	1.6160	106.72	0.0626
Propane	6.2314	5.6502	1.7200	156.79	0.0949
Iso-Butane	0.8329	0.7552	0.2730	27.09	0.0167
N-Butane	2.1915	1.9871	0.6920	71.49	0.0440
I-Pentane	0.5847	0.5302	0.2140	23.39	0.0146
N-Pentane	0.5200	0.4715	0.1890	20.85	0.0130
Hexane Plus	0.4263	0.3865	0.1910	22.47	0.0141
Total	100.0000	90.6727	16.3910	819.36	0.9063

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0023
BTU/CU.FT IDEAL: 821.3
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 823.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 808.9
DRY BTU @ 15.025: 839.7
REAL SPECIFIC GRAVITY: 0.908

CYLINDER #: 1392
CYLINDER PRESSURE: 51 PSIG
ANALYSIS DATE: 02/19/2024
ANALYSIS TIME: 11:49:42 AM
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: 02/19/2024

GC Method: C6+ Gas



DJR Portable

WELL ANALYSIS COMPARISON

Lease: VCU H14-301H

METER RUN

02/19/2024

Stn. No.:

21250-10733

Mtr. No.:

Smpl Date:	02/19/2024	02/15/2024	02/13/2024	03/27/2023	03/23/2023	03/20/2023	03/16/2023
Test Date:	02/19/2024	02/15/2024	02/13/2024	03/27/2023	03/23/2023	03/20/2023	03/16/2023
Run No:	PD20240062	PD20240040	PD20240024	PD20230686	PD20230665	PD20230642	PD20230620
Nitrogen:	44.1919	10.5609	24.3777	14.0886	13.3777	12.1423	12.9548
CO2:	0.3209	0.4020	0.2995	0.4248	0.4270	0.4391	0.4497
Methane:	38.6699	68.9051	53.0742	64.8541	62.9773	66.3192	64.8253
Ethane:	6.0305	13.9059	10.2764	8.0163	8.1537	8.3476	8.4196
Propane:	6.2314	0.0000	7.8865	8.5475	9.5729	8.2892	8.4695
I-Butane:	0.8329	1.2275	0.8987	0.8961	1.1258	0.9722	0.9686
N-Butane:	2.1915	3.1038	2.0267	2.0899	2.8042	2.2690	2.3404
I-Pentane:	0.5847	0.7410	0.4158	0.3795	0.5497	0.4276	0.5073
N-Pentane:	0.5200	0.6591	0.4039	0.3311	0.4721	0.3693	0.4578
Hexane+:	0.4263	0.4947	0.3406	0.3721	0.5396	0.4245	0.6070
BTU:	823.2	1172.0	1068.2	1164.0	1226.2	1193.1	1202.5
GPM:	16.3910	18.8020	18.0880	18.5500	18.9740	18.7450	18.8180
SPG:	0.9080	0.7748	0.8538	0.8077	0.8401	0.8058	0.8208
	03/13/2023	03/09/2023	03/06/2023	03/02/2023	02/28/2023	02/23/2023	02/20/2023
	03/13/2023	03/09/2023	03/06/2023	03/02/2023	02/28/2023	02/23/2023	02/20/2023
	PD20230585	PD20230578	PD20230507	PD20230467	PD20230423	PD20230384	PD20230349
	14.4023	12.2221	11.3463	13.0261	14.3539	13.5644	13.8841
	0.4225	0.4385	0.3978	0.3816	0.3572	0.3974	0.4119
	61.2530	60.2146	59.2182	60.1751	58.8624	62.9527	63.2908
	8.4118	8.7482	9.4145	8.4270	8.2807	8.3297	8.8094
	9.7447	11.8034	12.9137	11.9155	11.1550	9.8439	8.9249
	1.2535	1.6554	1.5229	1.5732	1.5728	1.0671	1.0226
	2.9195	3.4178	3.5236	3.2253	3.5537	2.6313	2.3509
	0.5467	0.5342	0.5932	0.4429	0.6747	0.4165	0.4435
	0.4793	0.4525	0.5008	0.3848	0.5738	0.3563	0.3920
	0.5667	0.5133	0.5690	0.4485	0.6158	0.4407	0.4699
	1227.3	1300.4	1337.1	1278.2	1279.7	1212.9	1194.9
	19.0010	19.5070	19.7790	19.3470	19.3510	18.8960	18.7970
	0.8517	0.8757	0.8892	0.8691	0.8839	0.8331	0.8252



DJR Portable
WELL ANALYSIS COMPARISON

Lease: VCU H14-301H
Stn. No.:
Mtr. No.:

METER RUN

02/19/2024
21250-10733

02/16/2023	02/13/2023	02/09/2023	02/06/2023	02/02/2023	01/30/2023	01/26/2023
02/16/2023	02/13/2023	02/09/2023	02/06/2023	02/02/2023	01/30/2023	01/26/2023
PD20230310	PD20230267	PD20230235	PD20230202	PD20230176	PD20230150	PD20230133
18.0871	12.1466	16.3255	18.0342	16.7837	17.4026	16.7835
0.3801	0.3975	0.4013	0.3763	0.4016	0.3843	0.4010
59.5417	55.0371	61.0715	59.7364	62.6117	57.2982	59.8599
7.8852	11.3377	9.0621	9.0143	8.6481	8.2990	8.1881
9.2173	8.4928	6.9277	6.9309	6.6684	10.8426	9.7403
1.0896	3.2474	1.5136	1.5762	1.1329	1.3950	1.1662
2.3991	7.3199	3.3249	2.8947	2.5772	3.0945	2.5847
0.4682	0.7936	0.4889	0.5028	0.4709	0.4667	0.4510
0.4181	0.6018	0.4299	0.4343	0.4016	0.3966	0.3929
0.5136	0.6256	0.4546	0.4999	0.3039	0.4205	0.4324
1155.8	1414.2	1176.9	1153.5	1131.4	1208.9	1180.4
18.5230	20.3660	18.6930	18.5490	18.3730	18.9030	18.6950
0.8444	0.9476	0.8396	0.8424	0.8152	0.8713	0.8466
01/23/2023	01/19/2023	01/16/2023	01/12/2023	01/09/2023	01/02/2023	12/29/2022
01/23/2023	01/19/2023	01/16/2023	01/12/2023	01/09/2023	01/02/2023	12/29/2022
PD20230119	PD20230105	PD20230093	PD20230076	PD20230057	PD20230016	PD20222532
18.6264	17.1380	18.8054	32.1822	25.6396	26.6468	30.5299
0.3833	0.3954	0.3898	0.3526	0.3507	0.3457	0.3575
58.8768	50.2164	54.9770	42.7094	56.7675	51.5959	47.8945
8.1780	10.0142	8.6241	7.6590	7.0455	8.9311	7.5841
9.7833	14.9280	11.1445	8.0334	6.9729	7.5177	6.4160
1.0298	1.7811	1.3726	1.0028	0.7377	1.1973	1.6776
2.0831	3.8638	3.1513	2.5208	1.6200	2.4517	3.7457
0.3587	0.6094	0.5537	0.6181	0.3035	0.4183	0.6875
0.3177	0.5094	0.4735	0.5802	0.2737	0.3645	0.5771
0.3629	0.5443	0.5081	4.3415	0.2889	0.5310	0.5301
1139.7	1326.9	1211.2	1168.5	993.6	1052.3	1040.4
18.4400	19.7970	18.9460	18.6750	17.4430	17.9340	17.8140
0.8398	0.9445	0.8878	1.0033	0.8202	0.8686	0.9028



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METER RUN

02/19/2024
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12/26/2022	12/22/2022	12/19/2022	12/12/2022	12/08/2022	12/05/2022	12/01/2022
12/26/2022	12/22/2022	12/19/2022	12/12/2022	12/08/2022	12/05/2022	12/01/2022
PD20222508	PD20222482	PD20222457	PD20222409	PD20222384	PD20222360	PD20222331
33.7987	34.0963	34.5542	45.6805	44.0146	46.8645	46.3339
0.3528	0.3710	0.3914	0.2922	0.3325	0.2948	0.2855
46.3824	47.2636	44.8270	37.6045	39.3428	35.5471	36.7254
7.7354	7.2579	8.4089	6.2418	7.3391	5.8449	5.5203
6.6035	6.2319	7.2018	5.4587	6.3828	5.1245	4.8849
1.3670	1.1783	1.1510	1.2850	1.4320	1.7139	1.5466
2.6980	2.5459	2.3667	2.7229	0.0000	3.4904	3.3023
0.4475	0.4212	0.4072	0.3638	0.4247	0.4765	0.5118
0.3711	0.3470	0.3567	0.2657	0.3562	0.3791	0.4322
0.2436	0.2869	0.3351	0.0849	0.3753	0.2643	0.4571
954.4	934.4	950.5	791.5	788.9	812.9	815.2
17.2780	17.1200	17.2960	16.2020	16.2400	16.3320	16.3230
0.8821	0.8727	0.8882	0.9030	0.8842	0.9296	0.9253
11/28/2022	11/24/2022	11/21/2022	11/17/2022	11/15/2022	11/10/2022	11/07/2022
11/28/2022	11/24/2022	11/21/2022	11/17/2022	11/15/2022	11/10/2022	11/07/2022
PD20222301	PD20222270	PD20222239	PD20222206	PD20222173	PD20222141	PD20222086
47.6468	53.6209	41.3321	41.1620	35.8352	25.5899	35.8212
0.2961	0.4344	0.3394	0.3405	0.3648	0.3526	0.2732
36.4685	30.5833	37.6670	38.0417	39.4567	48.7043	41.6624
5.3944	5.4173	7.2242	7.1183	9.0002	10.8900	8.5766
4.7366	4.7958	6.3690	6.2757	7.7943	9.2250	7.3908
1.0226	1.3431	1.5463	1.5969	1.6335	1.2143	1.2191
1.6060	2.8442	3.7836	3.6418	3.8808	2.6171	2.8129
0.3886	0.3933	0.6227	0.6638	0.7375	0.4597	0.6677
0.4455	0.3002	0.5181	0.5615	0.6283	0.4054	0.6653
1.9949	0.2675	0.5976	0.5978	0.6687	0.5417	0.9108
811.0	706.8	924.1	924.1	1029.3	1111.3	996.7
16.2920	15.6640	17.1010	17.0950	17.8550	18.4250	17.6070
0.9369	0.9355	0.9429	0.9412	0.9524	0.8953	0.9297



DJR Portable
WELL ANALYSIS COMPARISON

Lease:	VCU H14-301H	METER RUN	02/19/2024
Stn. No.:			21250-10733
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11/03/2022
11/03/2022
PD20222064

47.9002
0.2209
36.1216
6.5121
5.8039
0.7365
1.6518
0.3424
0.3078
0.4028

754.5
15.9780
0.9016

Location:	VCU 301H	Date:	2/19/2024
Prams	Prams/24 hours	Hours Flared	Flare Volume (Mcf)
205	8.541666667	24	205
Nitrogen Mole %		1-Nitrogen	Flared Volume for C-129
44.1919	0.441919	0.558081	114.4

District I
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Phone:(575) 393-6161 Fax:(575) 393-0720

District II
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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 317024

DEFINITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 317024
	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 317024

QUESTIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 317024
	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	[30-043-21402] VENADO CANYON UNIT #301H
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	39
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
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 317024

QUESTIONS (continued)

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 317024
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	02/19/2024
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: 114 Mcf Recovered: 0 Mcf Lost: 114 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 317024

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 317024
	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 317024

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 317024
	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.	2/23/2024