



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

Analysis No: PD20240031
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: 63 PSIG
Flow Temp: DEG. F
Ambient Temp: 53 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 02/13/2024
Sample Time: 4.04 PM
Sampled By: ERIK
Sampled by (CO): ABC

Heat Trace: N
Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	74.1888	61.7220	8.1690	0.00	0.7176
CO2	0.2031	0.1690	0.0350	0.00	0.0031
Methane	16.6366	13.8410	2.8230	168.03	0.0922
Ethane	2.5710	2.1390	0.6880	45.50	0.0267
Propane	3.3378	2.7769	0.9200	83.98	0.0508
Iso-Butane	0.4760	0.3960	0.1560	15.48	0.0096
N-Butane	1.3366	1.1120	0.4220	43.60	0.0268
I-Pentane	0.3652	0.3038	0.1340	14.61	0.0091
N-Pentane	0.3946	0.3283	0.1430	15.82	0.0098
Hexane Plus	0.4903	0.4079	0.2190	25.84	0.0162
Total	100.0000	83.1959	13.7090	412.87	0.9618

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0011
BTU/CU.FT IDEAL: 413.8
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 414.3
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 407.1
DRY BTU @ 15.025: 422.6
REAL SPECIFIC GRAVITY: 0.9625

CYLINDER #: 1457
CYLINDER PRESSURE: 63 PSIG
ANALYSIS DATE: 02/13/2024
ANALYSIS TIME: 04:02:34 PM
ANALYSIS RUN BY: SEAN CASAUS

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 A11 207H

METER RUN

02/13/2024

Stn. No.:

21250-10510

Mtr. No.:

Smpl Date:	02/13/2024	01/16/2023	01/12/2023	01/09/2023	01/05/2023	12/29/2022	12/26/2022
Test Date:	02/13/2024	01/16/2023	01/12/2023	01/09/2023	01/05/2023	12/29/2022	12/26/2022
Run No:	PD20240031	PD20230088	PD20230069	PD20230049	PD20230029	PD20222524	PD20222500
Nitrogen:	74.1888	11.5653	19.2192	11.9336	13.7576	13.1098	17.4074
CO2:	0.2031	0.4306	0.3261	0.4277	0.3733	0.3665	0.3691
Methane:	16.6366	63.1190	45.8254	66.2327	63.2006	63.5039	58.1613
Ethane:	2.5710	10.0310	7.1385	9.4605	9.7799	9.4718	9.6112
Propane:	3.3378	8.9230	9.6514	7.5732	8.1182	7.8307	7.9870
I-Butane:	0.4760	1.1531	1.5903	0.8074	1.0282	1.1003	1.2315
N-Butane:	1.3366	3.0982	3.6706	1.9958	2.1972	2.8553	3.1826
I-Pentane:	0.3652	0.5925	0.7770	0.4600	0.4437	0.6197	0.7388
N-Pentane:	0.3946	0.5132	0.6854	0.4641	0.4335	0.5807	0.7211
Hexane+:	0.4903	0.5741	11.1161	0.6450	0.6678	0.5613	0.5900
BTU:	414.3	1260.6	1666.6	1196.4	1198.3	1220.1	1199.2
GPM:	13.7090	19.2720	21.8630	18.8110	18.8560	18.9740	18.8760
SPG:	0.9625	0.8429	1.1857	0.8055	0.8253	0.8324	0.8649
	12/22/2022	12/19/2022	12/15/2022	12/12/2022	12/08/2022	12/05/2022	12/01/2022
	12/22/2022	12/19/2022	12/15/2022	12/12/2022	12/08/2022	12/05/2022	12/01/2022
	PD20222474	PD20222449	PD20222426	PD20222401	PD20222376	PD20222351	PD20222322
	20.0596	15.4243	27.3953	16.2815	18.4703	21.4765	25.8970
	0.3589	0.3675	0.3472	0.3518	0.3183	0.3335	0.3297
	56.2574	62.3861	50.8876	61.0628	58.4579	57.0999	52.6081
	9.0612	9.3417	8.3198	8.9783	8.7937	8.8056	8.4043
	7.5470	7.7637	7.0528	7.4598	7.2800	7.4174	7.1722
	1.2829	1.0322	1.1754	0.9567	1.0226	1.0246	1.0458
	3.0771	2.5061	3.0546	2.3133	0.0000	2.3223	2.5146
	0.7329	0.4114	0.6593	0.4642	0.5272	0.5010	0.5596
	0.6861	0.3483	0.6095	0.4557	0.5630	0.4775	0.5492
	0.9369	0.4187	0.4985	1.6759	4.5670	0.5417	0.9195
	1173.8	1165.3	1059.4	1202.4	1255.4	1102.2	1075.5
	18.6990	18.6250	17.9540	18.8530	19.2040	18.2190	18.0500
	0.8768	0.8218	0.8813	0.8547	0.9120	0.8453	0.8754



DJR Portable

WELL ANALYSIS COMPARISON

Lease: VCU A11 207H

METER RUN

02/13/2024

Stn. No.:

21250-10510

Mtr. No.:

11/28/2022	11/24/2022	11/21/2022	11/17/2022	11/15/2022	11/10/2022	11/08/2022
11/28/2022	11/24/2022	11/21/2022	11/17/2022	11/15/2022	11/10/2022	11/08/2022
PD20222292	PD20222261	PD20222230	PD20222197	PD20222164	PD20222133	PD20222108
53.3953	27.9176	28.1645	36.8346	35.9648	1.6703	54.9816
0.2680	0.3419	0.3523	0.3553	0.3559	0.3326	0.2628
25.5589	50.4631	51.6569	43.4808	43.1262	63.4544	31.5351
4.3220	8.4142	8.1148	7.5268	7.6002	15.1132	5.3919
3.8290	7.1225	7.0297	6.6241	6.6748	12.0388	4.8297
1.3985	1.1084	0.9262	0.9728	0.9243	1.4687	0.5920
3.8265	2.7527	2.2238	2.3525	2.2644	2.8621	1.4319
1.6552	0.5491	0.4571	0.5253	0.4504	0.7700	0.2807
1.5242	0.4998	0.4331	0.5165	0.4115	0.7888	0.2671
4.2224	0.8307	0.6416	0.8113	2.2275	1.5011	0.4272
956.9	1055.2	1019.8	936.7	999.4	1505.8	648.5
17.2290	17.9330	17.6850	17.1690	17.5750	21.0900	15.2710
1.0927	0.8841	0.8640	0.9032	0.9345	0.8929	0.9095
11/07/2022	11/06/2022	08/24/2022				
11/07/2022	11/06/2022	08/24/2022				
PD20222096	PD20222071	PD20221415				
60.0572	48.7187	2.7153				
0.2297	0.2356	0.3744				
28.2910	35.7400	71.9500				
4.4853	6.4239	10.9000				
4.0778	5.7367	8.7021				
0.5380	0.6172	1.1275				
1.3441	1.4523	2.8718				
0.3086	0.2889	0.6229				
0.2992	0.2731	0.5907				
0.3691	0.5136	0.1453				
575.0	739.2	1333.8				
14.7700	15.8780	19.7320				
0.9159	0.9008	0.7945				

Location:	VCU 207H	Date:	2/18/2024
Prams	Prams/24 hours	Hours Flared	Flare Volume (Mcf)
688	28.66666667	24	688
Nitrogen Mole %		1-Nitrogen	Flared Volume for C-129
74.188	0.74188	0.25812	177.6

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State of New Mexico
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DEFINITIONS

Action 317079

DEFINITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 317079
	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 317079

QUESTIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 317079
	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	[30-043-21293] VENADO CANYON UNIT #207H
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	17
Nitrogen (N2) percentage, if greater than one percent	74
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) percentage, if greater than one percent	0
Oxygen (O2) 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 (O2) percentage quality requirement	Not answered.

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QUESTIONS, Page 2

Action 317079

QUESTIONS (continued)

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 317079
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	02/18/2024
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: 178 Mcf Recovered: 0 Mcf Lost: 178 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 317079

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 317079
	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 317079

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 317079
	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