



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

Analysis No: PD20240030
Cust No: 21250-10505

Well/Lease Information

Customer Name: DJR Portable
Well Name: VCU A11 206H
County/State:
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.:

Source: METER RUN
Well Flowing: Y
Pressure: 58 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: 4.03 PM
Sampled By: ERIK
Sampled by (CO): ABC

Heat Trace: N
Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	4.3825	4.3350	0.4840	0.00	0.0424
CO2	0.3538	0.3500	0.0610	0.00	0.0054
Methane	67.2090	66.4810	11.4410	678.81	0.3723
Ethane	13.6357	13.4880	3.6620	241.31	0.1416
Propane	9.1175	9.0188	2.5220	229.41	0.1388
Iso-Butane	1.0914	1.0796	0.3590	35.49	0.0219
N-Butane	2.5528	2.5252	0.8080	83.28	0.0512
I-Pentane	0.5756	0.5694	0.2110	23.03	0.0143
N-Pentane	0.5555	0.5495	0.2020	22.27	0.0138
Hexane Plus	0.5262	0.5205	0.2360	27.74	0.0174
Total	100.0000	98.9170	19.9860	1341.33	0.8191

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0044
BTU/CU.FT IDEAL: 1344.4
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1350.4
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1326.9
DRY BTU @ 15.025: 1377.4
REAL SPECIFIC GRAVITY: 0.8224

CYLINDER #: 1492
CYLINDER PRESSURE: 58 PSIG
ANALYSIS DATE: 02/13/2024
ANALYSIS TIME: 04:02:42 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 A11 206H

METER RUN

02/13/2024

Stn. No.:

21250-10505

Mtr. No.:

Smpl Date:	02/13/2024	01/09/2023	01/05/2023	12/29/2022	12/26/2022	12/22/2022	12/19/2022
Test Date:	02/13/2024	01/09/2023	01/05/2023	12/29/2022	12/26/2022	12/22/2022	12/19/2022
Run No:	PD20240030	PD20230048	PD20230028	PD20222523	PD20222499	PD20222473	PD20222448
Nitrogen:	4.3825	17.6688	17.0233	20.6730	22.7517	20.5181	21.4155
CO2:	0.3538	0.4150	0.3743	0.3741	0.3637	0.3682	0.3623
Methane:	67.2090	56.7359	59.4265	57.6881	53.7709	55.3525	54.6509
Ethane:	13.6357	9.5752	9.9391	9.4530	9.1138	9.1728	9.2700
Propane:	9.1175	8.9996	8.2872	7.9659	7.6505	7.6522	7.7808
I-Butane:	1.0914	1.1756	1.1307	0.8232	1.1337	1.1228	1.1889
N-Butane:	2.5528	3.2073	2.5094	1.7936	3.0107	2.7493	3.1529
I-Pentane:	0.5756	0.7428	0.4445	0.3939	0.8004	0.6214	0.7380
N-Pentane:	0.5555	0.6859	0.3783	0.3841	0.7561	0.5675	0.6594
Hexane+:	0.5262	0.7939	0.4867	0.4511	0.6485	1.8752	0.7813
BTU:	1350.4	1218.5	1168.7	1096.6	1135.2	1194.1	1157.4
GPM:	19.9860	19.0140	18.6930	18.2140	18.4630	18.8380	18.6100
SPG:	0.8224	0.8809	0.8412	0.8337	0.8807	0.8950	0.8808
	12/15/2022	12/12/2022	12/08/2022	12/05/2022	12/01/2022	11/28/2022	11/24/2022
	12/15/2022	12/12/2022	12/08/2022	12/05/2022	12/01/2022	11/28/2022	11/24/2022
	PD20222425	PD20222400	PD20222375	PD20222350	PD20222321	PD20222291	PD20222260
	26.1198	28.0229	21.9090	26.4431	32.3301	53.8201	39.8795
	0.3576	0.3581	0.3092	0.3233	0.3241	0.2678	0.3256
	50.6161	48.2762	53.4121	53.0887	47.0957	25.5473	40.7187
	8.6660	8.7693	8.3467	8.3763	7.9183	4.2265	7.3022
	7.3245	7.4199	6.9461	7.1428	6.8494	3.7573	6.3385
	1.2218	1.1232	1.1536	0.9311	0.9878	1.3272	0.9099
	3.0936	2.8694	0.0000	2.2844	2.3440	3.6037	2.2297
	0.8078	0.6190	0.8390	0.4833	0.5675	1.5636	0.4658
	0.7995	0.5606	0.8774	0.4699	0.5521	1.4583	0.4341
	0.9933	1.9814	6.2069	0.4571	1.0310	4.4282	1.3960
	1112.8	1118.0	1305.2	1036.7	1001.2	948.1	916.6
	18.3150	18.3660	19.5300	17.7960	17.5780	17.1690	17.0420
	0.9023	0.9260	0.9809	0.8561	0.8962	1.0915	0.9224



DJR Portable
WELL ANALYSIS COMPARISON

Lease: VCU A11 206H

Stn. No.:

Mtr. No.:

METER RUN

02/13/2024

21250-10505

11/21/2022	11/17/2022	11/15/2022	11/10/2022	11/08/2022	11/07/2022	11/06/2022
11/21/2022	11/17/2022	11/15/2022	11/10/2022	11/08/2022	11/07/2022	11/06/2022
PD20222229	PD20222196	PD20222163	PD20222132	PD20222107	PD20222095	PD20222070
41.0305	46.8162	48.4325	47.2359	60.7638	64.9212	44.7193
0.3456	0.3252	0.3035	0.2837	0.2433	0.2112	0.2358
40.4574	35.5149	31.3947	34.9592	26.7777	24.5958	38.1655
7.0729	6.5957	6.0619	7.0584	4.8466	3.9391	6.9655
6.3140	5.9558	5.4718	6.2470	4.3896	3.6160	6.1720
0.8794	0.8577	0.8275	0.7926	0.5630	0.4655	0.6664
2.0967	2.1187	2.0793	1.9729	1.4191	1.1421	1.6119
0.5033	0.5057	0.6368	0.4399	0.3248	0.3113	0.4265
0.5195	0.5133	0.7458	0.4192	0.3198	0.3225	0.4415
0.7807	0.7968	4.0462	0.5912	0.3523	0.4753	0.5956
876.0	808.8	930.6	794.5	577.9	513.8	808.1
16.7680	16.3390	17.1190	16.2720	14.8130	14.3670	16.3340
0.9087	0.9269	1.0228	0.9214	0.9254	0.9279	0.9025
08/24/2022						
08/24/2022						
PD20221414						
1.9052						
0.3677						
69.7144						
13.2603						
9.5757						
1.1141						
2.8432						
0.5819						
0.5390						
0.0985						
1367.9						
20.0710						
0.8074						

Location:	VCU 206H	Date:	2/12/2024
Prams	Prams/24 hours	Hours Flared	Flare Volume (Mcf)
151	6.291666667	18.5	116.3958333
Nitrogen Mole %		1-Nitrogen	Flared Volume for C-129
4.3825	0.043825	0.956175	111.3

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State of New Mexico
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DEFINITIONS

Action 317088

DEFINITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 317088
	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 317088

QUESTIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 317088
	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	[30-043-21292] VENADO CANYON UNIT #206H
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	67
Nitrogen (N2) percentage, if greater than one percent	4
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 317088

QUESTIONS (continued)

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 317088
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	02/12/2024
Time vent or flare was discovered or commenced	05:30 AM
Time vent or flare was terminated	11:59 PM
Cumulative hours during this event	19

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 317088

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 317088
	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 317088

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 317088
	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