



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

Analysis No: PD20240070
Cust No: 21250-10757

Well/Lease Information

Customer Name: DJR Portable VCU
Well Name: P03-103H FKA 02H
County/State:
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.:

Source: METER RUN
Well Flowing: Y
Pressure: 62 PSIG
Flow Temp: DEG. F
Ambient Temp: 64 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 02/19/2024
Sample Time: 2.37 PM
Sampled By: ERIK
Sampled by (CO): ABC

Heat Trace: N
Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	53.4572	47.4340	5.8930	0.00	0.5170
CO2	0.3291	0.2920	0.0560	0.00	0.0050
Methane	27.9265	24.7800	4.7440	282.06	0.1547
Ethane	5.7735	5.1230	1.5470	102.17	0.0599
Propane	7.4347	6.5970	2.0520	187.06	0.1132
Iso-Butane	0.9877	0.8764	0.3240	32.12	0.0198
N-Butane	2.4140	2.1420	0.7630	78.75	0.0484
I-Pentane	0.5633	0.4998	0.2060	22.54	0.0140
N-Pentane	0.5679	0.5039	0.2060	22.77	0.0141
Hexane Plus	0.5461	0.4846	0.2440	28.79	0.0181
Total	100.0000	88.7327	16.0350	756.25	0.9644

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0023
BTU/CU.FT IDEAL: 758.0
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 759.7
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 746.5
DRY BTU @ 15.025: 774.9
REAL SPECIFIC GRAVITY: 0.9661

CYLINDER #: 1496
CYLINDER PRESSURE: 62 PSIG
ANALYSIS DATE: 02/19/2024
ANALYSIS TIME: 02:36:24 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: 02/19/2024

GC Method: C6+ Gas



DJR Portable
WELL ANALYSIS COMPARISON

Lease: VCU P03-02H

Stn. No.:

Mtr. No.:

METER RUN

02/19/2024

21250-10757

Smpl Date:	02/19/2024	02/15/2024	01/09/2023	01/02/2023	12/29/2022	12/26/2022	12/22/2022
Test Date:	02/19/2024	02/15/2024	01/09/2023	01/02/2023	12/29/2022	12/26/2022	12/22/2022
Run No:	PD20240070	PD20240051	PD20230046	PD20230008	PD20222521	PD20222497	PD20222471
Nitrogen:	53.4572	25.5240	24.1410	55.3679	39.6192	62.2852	29.0708
CO2:	0.3291	0.3202	0.3838	0.3105	0.3342	0.2949	0.5564
Methane:	27.9265	51.6316	52.0520	29.7518	42.1981	23.9632	28.8214
Ethane:	5.7735	10.4451	7.9548	5.4881	7.2285	4.6513	11.2859
Propane:	7.4347	7.5638	9.9743	4.9177	6.2981	4.1957	9.2901
I-Butane:	0.9877	0.9060	1.2468	0.9546	1.0974	0.8593	2.3681
N-Butane:	2.4140	2.2738	2.6464	1.9930	2.2415	2.0919	5.7634
I-Pentane:	0.5633	0.4936	0.4936	0.4119	0.3956	0.5383	1.5279
N-Pentane:	0.5679	0.4619	0.4480	0.3724	0.3364	0.5006	1.6773
Hexane+:	0.5461	0.3800	0.6593	0.4321	0.2510	0.6196	9.6387
BTU:	759.7	1064.4	1123.3	674.4	868.0	602.8	1644.9
GPM:	16.0350	18.0770	18.3600	15.4540	16.7170	14.9820	22.0090
SPG:	0.9661	0.8639	0.8882	0.9312	0.8883	0.9587	1.2812
	12/15/2022	12/12/2022	12/08/2022	11/28/2022	11/21/2022	11/17/2022	11/10/2022
	12/15/2022	12/12/2022	12/08/2022	11/28/2022	11/21/2022	11/17/2022	11/10/2022
	PD20222423	PD20222398	PD20222373	PD20222289	PD20222227	PD20222194	PD20222130
	55.1272	58.5997	39.8623	49.8014	63.6168	59.4271	39.9775
	0.3112	0.2618	0.3126	0.2767	0.2849	0.2922	0.2628
	28.5647	26.3660	41.0585	27.6380	25.0571	27.3866	41.1645
	6.2354	4.4741	6.2966	4.1864	4.1658	5.0279	7.9845
	5.5751	4.0578	5.4221	3.6618	3.9293	4.6907	6.9783
	1.0464	0.6802	0.8958	1.6553	0.6340	0.6656	0.7415
	2.0820	1.6368	0.0000	4.4234	1.4208	1.4579	1.8022
	0.3937	0.4180	0.5375	1.6460	0.2832	0.3081	0.3774
	0.3429	0.5047	0.6333	1.4656	0.2490	0.2852	0.3202
	0.3214	3.0009	4.9813	5.2454	0.3591	0.4587	0.3911
	690.4	721.5	1007.0	1051.5	534.9	603.1	868.2
	15.6000	15.7200	17.5770	17.8190	14.5180	14.9860	16.7550
	0.9389	0.9957	0.9807	1.1156	0.9288	0.9282	0.8910



DJR Portable
WELL ANALYSIS COMPARISON

Lease: VCU P03-02H
Stn. No.:
Mtr. No.:

METER RUN

02/19/2024
21250-10757

11/08/2022	11/07/2022
11/08/2022	11/07/2022
PD20222105	PD20222082
35.6192	5.7652
0.3498	0.3570
35.0388	64.7938
9.6841	13.4367
8.2041	10.9284
1.9659	1.0143
5.4037	2.3203
1.3360	0.4593
1.1410	0.4041
1.2574	0.5209
1144.8	1346.9
18.6520	19.9790
1.0245	0.8350

Location:	VCU 103H	Date:	2/16/2024
Prams	Prams/24 hours	Hours Flared	Flare Volume (Mcf)
462	19.25	13	250.25
Nitrogen Mole %		1-Nitrogen	Flared Volume for C-129
53.4572	0.534572	0.465428	116.5

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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

DEFINITIONS

Action 319371

DEFINITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 319371
	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 319371

QUESTIONS

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	Action Number: 319371
	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	[30-043-21220] VENADO CANYON UNIT #103H
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	28
Nitrogen (N2) percentage, if greater than one percent	53
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 319371

QUESTIONS (continued)

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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	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	Cause: Normal Operations Well Natural Gas Vented Released: 117 Mcf Recovered: 0 Mcf Lost: 117 Mcf.
Natural Gas Flared (Mcf) Details	Not answered.
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 319371

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	Action Number: 319371
	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 319371

CONDITIONS

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	Action Number: 319371
	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.	3/1/2024