



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

Analysis No: PD20221372
Cust No: 21250-10455

Well/Lease Information

Customer Name: DJR Portable
Well Name: NU G03-502H SEP
County/State:
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.:

Source: METER RUN
Well Flowing: Y
Pressure: 149 PSIG
Flow Temp: DEG. F
Ambient Temp: 69 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 08/18/2022
Sample Time: 9.34 AM
Sampled By: ERIK
Sampled by (CO): ABC

Heat Trace: N
Remarks:

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	39.2941	34.4070	4.3310	0.00	0.3801
CO2	0.1896	0.1660	0.0320	0.00	0.0029
Methane	46.3760	40.6080	7.8770	468.40	0.2569
Ethane	6.2332	5.4580	1.6700	110.31	0.0647
Propane	4.8839	4.2765	1.3480	122.88	0.0744
Iso-Butane	0.5853	0.5125	0.1920	19.03	0.0117
N-Butane	1.6284	1.4259	0.5140	53.12	0.0327
I-Pentane	0.3611	0.3162	0.1320	14.45	0.0090
N-Pentane	0.3537	0.3097	0.1280	14.18	0.0088
Hexane Plus	0.0947	0.0829	0.0420	4.99	0.0031
Total	100.0000	87.5627	16.2660	807.36	0.8442

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0021
BTU/CU.FT IDEAL: 809.2
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 810.9
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 796.8
DRY BTU @ 15.025: 827.1
REAL SPECIFIC GRAVITY: 0.8457

CYLINDER #: 1463
CYLINDER PRESSURE: 149 PSIG
ANALYSIS DATE: 08/18/2022
ANALYSIS TIME: 09:42:15 AM
ANALYSIS RUN BY: ERIK SHAW

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: 08/18/2022

GC Method: C6+ Gas



DJR Portable

WELL ANALYSIS COMPARISON

Lease: NU G03-502H SEP

METER RUN

08/18/2022

Stn. No.:

21250-10455

Mtr. No.:

Smpl Date:	08/18/2022	08/15/2022	08/11/2022	08/08/2022	08/04/2022	08/01/2022	07/28/2022
Test Date:	08/18/2022	08/15/2022	08/11/2022	08/08/2022	08/04/2022	08/01/2022	07/28/2022
Run No:	PD20221372	PD20221349	PD20221331	PD20221307	PD20221287	PD20221229	PD20221177
Nitrogen:	39.2941	47.5087	63.0643	72.8560	27.6683	28.1835	30.2947
CO2:	0.1896	0.1739	0.1271	0.1165	0.2146	0.2146	0.2366
Methane:	46.3760	39.8229	26.7283	18.0336	55.1077	55.0064	53.6708
Ethane:	6.2332	5.3755	3.9747	3.2858	7.6711	7.5352	7.0063
Propane:	4.8839	4.3490	3.7122	3.3745	5.8262	5.6807	5.2847
I-Butane:	0.5853	0.5296	0.4718	0.4505	0.6801	0.6574	0.6149
N-Butane:	1.6284	1.4789	1.3041	1.2823	1.8943	1.8250	1.6902
I-Pentane:	0.3611	0.3348	0.2848	0.2608	0.4181	0.3985	0.3684
N-Pentane:	0.3537	0.3316	0.2747	0.2654	0.4090	0.3908	0.3727
Hexane+:	0.0947	0.0951	0.0580	0.0746	0.1106	0.1079	0.4607
BTU:	810.9	706.8	518.9	408.1	966.5	954.6	932.6
GPM:	16.2660	15.5930	14.3880	13.6880	17.2900	17.2100	17.0480
SPG:	0.8457	0.8660	0.9100	0.9428	0.8222	0.8200	0.8288
	07/27/2022	07/21/2022					
	07/27/2022	07/21/2022					
	PD20221136	PD20221071					
	28.4824	9.2830					
	0.2538	0.2723					
	55.0429	60.2061					
	7.3402	12.0122					
	5.4589	11.6642					
	0.5936	1.3588					
	1.6344	3.5979					
	0.3576	0.6068					
	0.3561	0.5438					
	0.4801	0.4549					
	954.4	1355.1					
	17.1980	19.9910					
	0.8237	0.8766					

Site	Date	Prams Total	Hours Flared	Hours Produced	Actual Gas in pipeline	Flare Volumes	Hours vented
NU G03 502	8/20/2022	1513.2	24	0	0	1513.2	0

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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 138341

DEFINITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 138341
	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 138341

QUESTIONS

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	Action Number: 138341
	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	[30-045-35863] NAGEEZI UNIT #502H
Incident Facility	Not answered.

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, major 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	Not answered.

Representative Compositional Analysis of Vented or Flared Natural Gas	
Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	46
Nitrogen (N2) percentage, if greater than one percent	39
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) 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 Sulfide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (CO2) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

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QUESTIONS, Page 2

Action 138341

QUESTIONS (continued)

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	Action Number: 138341
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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	08/20/2022
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: 1,513 Mcf Recovered: 0 Mcf Lost: 1,513 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	Well was hit by nearby completions activity. Nitrogen levels exceeded pipeline specifications.
Steps taken to limit the duration and magnitude of vent or flare	Flaring will conclude once nitrogen levels are below pipeline specifications.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Flaring will conclude once nitrogen levels are below pipeline specifications.

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ACKNOWLEDGMENTS

Action 138341

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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

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	Action Number: 138341
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CONDITIONS

Created By	Condition	Condition Date
dshull01	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.	8/26/2022