



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

Analysis No: PD20220971
Cust No: 21250-10150

Well/Lease Information

Customer Name: DJR Portable
Well Name: K03-406H
County/State:
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.:

Source: METER RUN
Well Flowing: Y
Pressure: 115 PSIG
Flow Temp: DEG. F
Ambient Temp: 89 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 07/14/2022
Sample Time: 1.45 PM
Sampled By: ERIK
Sampled by (CO): ABC

Heat Trace: N
Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	17.3636	16.1480	1.9160	0.00	0.1679
CO2	0.3430	0.3190	0.0590	0.00	0.0052
Methane	61.9104	57.5760	10.5280	625.30	0.3429
Ethane	9.3055	8.6540	2.4960	164.68	0.0966
Propane	6.8445	6.3653	1.8910	172.21	0.1042
Iso-Butane	0.7703	0.7164	0.2530	25.05	0.0155
N-Butane	2.0951	1.9484	0.6630	68.35	0.0420
I-Pentane	0.4371	0.4065	0.1600	17.49	0.0109
N-Pentane	0.4386	0.4079	0.1590	17.58	0.0109
Hexane Plus	0.4919	0.4575	0.2200	25.93	0.0163
Total	100.0000	92.9990	18.3450	1116.59	0.8125

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0033
BTU/CU.FT IDEAL: 1119.2
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1122.9
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1103.4
DRY BTU @ 15.025: 1145.4
REAL SPECIFIC GRAVITY: 0.8149

CYLINDER #: 1803
CYLINDER PRESSURE: 115 PSIG
ANALYSIS DATE: 07/14/2022
ANALYSIS TIME: 01:50:50 PM
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: 07/14/2022

GC Method: C6+ Gas



DJR Portable

WELL ANALYSIS COMPARISON

Lease: K03-406H

METER RUN

07/14/2022

Stn. No.:

21250-10150

Mtr. No.:

Smpl Date:	07/14/2022	07/11/2022	03/24/2022	03/21/2022	03/17/2022	03/14/2022	03/11/2022
Test Date:	07/14/2022	07/11/2022	03/24/2022	03/21/2022	03/17/2022	03/14/2022	03/11/2022
Run No:	PD20220971	PD20220925	PD20220085	PD20220082	PD20220080	PD20220077	PD20220076
Nitrogen:	17.3636	15.2463	36.3507	39.2593	43.6314	50.6776	59.2212
CO2:	0.3430	0.3093	0.3196	0.3079	0.2981	0.2722	0.2561
Methane:	61.9104	65.5271	44.6298	42.3907	38.9182	33.7701	28.2291
Ethane:	9.3055	8.9181	7.6586	7.3860	6.8120	5.8821	4.7532
Propane:	6.8445	6.3729	6.7037	6.5411	6.1637	5.5466	4.5057
I-Butane:	0.7703	0.7054	0.7695	0.7308	0.6936	0.6349	0.5201
N-Butane:	2.0951	1.8819	2.1508	2.0433	1.9441	1.8047	1.4842
I-Pentane:	0.4371	0.3590	0.4866	0.4511	0.4371	0.4220	0.3478
N-Pentane:	0.4386	0.3467	0.5131	0.4670	0.4538	0.4492	0.3640
Hexane+:	0.4919	0.3333	0.4176	0.4228	0.6480	0.5406	0.3186
BTU:	1122.9	1116.2	916.7	877.1	828.3	730.8	595.6
GPM:	18.3450	18.2610	17.0350	16.7810	16.4560	15.8120	14.9160
SPG:	0.8149	0.7874	0.8845	0.8899	0.9050	0.9169	0.9206
	03/10/2022	03/09/2022					
	03/10/2022	03/09/2022					
	PD20220066	PD20220064					
	68.4616	1.9196					
	0.2268	0.0328					
	20.8775	72.0648					
	3.6753	13.1244					
	3.8539	9.6349					
	0.4760	0.8941					
	1.3814	2.0169					
	0.3361	0.1493					
	0.3576	0.1048					
	0.3538	0.0584					
	481.6	1319.0					
	14.1720	19.7190					
	0.9452	0.7706					

Site	Date	Prams Total	Hours Flared	Hours Produced	Actual Gas in pipeline	Flare Volumes	Hours vented	Vented Gas
NU K03 406	7/15/2022	793.2	24	0	0	793.2		



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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
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Santa Fe, NM 87505

DEFINITIONS

Action 127101

DEFINITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 127101
	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 127101

QUESTIONS

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	Action Number: 127101
	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	[30-045-35842] NAGEEZI UNIT #406H
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	62
Nitrogen (N2) percentage, if greater than one percent	17
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 127101

QUESTIONS (continued)

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	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	07/15/2022
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: 793 Mcf Recovered: 0 Mcf Lost: 793 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 127101

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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

Action 127101

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	Action Number: 127101
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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.	7/19/2022