



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

Analysis No: PD20230965
Cust No: 21250-10843

Well/Lease Information

Customer Name:	DJR Portable	Source:	METER RUN
Well Name:	LYBROOK M-26A 309 AKA GCU 309H	Well Flowing:	Y
County/State:		Pressure:	117 PSIG
Location:		Flow Temp:	DEG. F
Lease/PA/CA:		Ambient Temp:	DEG. F
Formation:		Flow Rate:	MCF/D
Cust. Stn. No.:		Sample Method:	Purge & Fill
		Sample Date:	10/25/2023
		Sample Time:	2.31 PM
		Sampled By:	SEAN
		Sampled by (CO):	ABC

Heat Trace: N

Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	46.1388	42.2620	5.0860	0.00	0.4463
CO2	0.2183	0.2000	0.0370	0.00	0.0033
Methane	37.0644	33.9500	6.2960	374.35	0.2053
Ethane	6.1639	5.6460	1.6520	109.08	0.0640
Propane	5.9567	5.4562	1.6440	149.88	0.0907
Iso-Butane	0.7935	0.7268	0.2600	25.80	0.0159
N-Butane	2.1069	1.9299	0.6660	68.73	0.0423
I-Pentane	0.5041	0.4617	0.1850	20.17	0.0126
N-Pentane	0.4917	0.4504	0.1790	19.71	0.0122
Hexane Plus	0.5617	0.5145	0.2510	29.61	0.0186
Total	100.0000	91.5975	16.2560	797.33	0.9112

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	1.0023	CYLINDER #:	3698
BTU/CU.FT IDEAL:	799.2	CYLINDER PRESSURE:	117 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	800.9	ANALYSIS DATE:	10/25/2023
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	787.0	ANALYSIS TIME:	02:29:13 PM
DRY BTU @ 15.025:	816.9	ANALYSIS RUN BY:	SEAN CASAUS
REAL SPECIFIC GRAVITY:	0.9128		

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: 10/25/2023

GC Method: C6+ Gas



DJR Portable

WELL ANALYSIS COMPARISON

Lease: LYBROOK M-26A 309

METER RUN

10/25/2023

Stn. No.:

21250-10843

Mtr. No.:

Smpl Date:	10/25/2023	10/23/2023	10/19/2023	10/16/2023	10/12/2023	10/09/2023
Test Date:	10/25/2023	10/23/2023	10/19/2023	10/16/2023	10/12/2023	10/09/2023
Run No:	PD20230965	PD20230955	PD20230941	PD20230936	PD20230912	PD20230891
Nitrogen:	46.1388	48.7834	53.3211	61.6528	68.6516	30.1730
CO2:	0.2183	0.2261	0.2233	0.1913	0.1553	0.2421
Methane:	37.0644	35.8860	32.5684	26.2963	21.9860	51.0727
Ethane:	6.1639	5.6562	5.1748	3.9025	3.1852	8.6688
Propane:	5.9567	5.4532	4.9480	4.3085	3.3710	5.6267
I-Butane:	0.7935	0.7269	0.6752	0.6182	0.4793	0.6812
N-Butane:	2.1069	1.9160	1.8026	1.6960	1.3059	1.7873
I-Pentane:	0.5041	0.4455	0.4362	0.4270	0.3199	0.5134
N-Pentane:	0.4917	0.4311	0.4248	0.4234	0.3051	0.5288
Hexane+:	0.5617	0.4756	0.4256	0.4840	0.2407	0.7060
BTU:	800.9	749.3	685.5	580.3	460.8	975.2
GPM:	16.2560	15.9040	15.4880	14.7850	14.0050	17.4110
SPG:	0.9128	0.9079	0.9151	0.9357	0.9326	0.8550

Location:	GCU 309H	Date:	10/27/2023
Prams	Prams/24 hours	Hours Flared	Flare Volume (Mcf)
991.6	41.31666667	24	991.6
Nitrogen Mole %		1-Nitrogen	Flared Volume for C-129
46.1388	0.461388	0.538612	534.1

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State of New Mexico
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Oil Conservation Division
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Santa Fe, NM 87505

DEFINITIONS

Action 280669

DEFINITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 280669
	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 280669

QUESTIONS

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	Action Number: 280669
	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	[30-043-21482] GALLO CANYON UNIT #309H
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, 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	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	37
Nitrogen (N2) percentage, if greater than one percent	46
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 280669

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	10/27/2023
Time vent or flare was discovered or commenced	06:00 AM
Time vent or flare was terminated	06:00 AM
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: Initial Flowback Well Natural Gas Flared Released: 534 Mcf Recovered: 0 Mcf Lost: 534 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	Hydraulic Fracturing 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

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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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CONDITIONS

Created By	Condition	Condition Date
llain01	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.	10/30/2023