

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

Analysis No: PD20220085
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: 60 PSIG
Flow Temp: DEG. F
Ambient Temp: 28 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 03/24/2022
Sample Time: 7.53 AM
Sampled By: ERIK
Sampled by (CO): ABC

Heat Trace: N
Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	36.3507	34.1550	4.0090	0.00	0.3516
CO2	0.3196	0.3003	0.0550	0.00	0.0049
Methane	44.6298	41.9340	7.5840	450.76	0.2472
Ethane	7.6586	7.1960	2.0530	135.53	0.0795
Propane	6.7037	6.2988	1.8510	168.67	0.1021
Iso-Butane	0.7695	0.7230	0.2520	25.02	0.0154
N-Butane	2.1508	2.0209	0.6800	70.17	0.0432
I-Pentane	0.4866	0.4572	0.1780	19.47	0.0121
N-Pentane	0.5131	0.4821	0.1860	20.57	0.0128
Hexane Plus	0.4176	0.3924	0.1870	22.01	0.0138
Total	100.0000	93.9597	17.0350	912.20	0.8825

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0026
BTU/CU.FT IDEAL: 914.3
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 916.7
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 900.7
DRY BTU @ 15.025: 935.1
REAL SPECIFIC GRAVITY: 0.8845

CYLINDER #: 1104
CYLINDER PRESSURE: 60 PSIG
ANALYSIS DATE: 03/24/2022
ANALYSIS TIME: 08:00:39 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: 03/24/2022

GC Method: C6+ Gas



DJR Portable

WELL ANALYSIS COMPARISON

Lease: K03-406H

METER RUN

03/24/2022

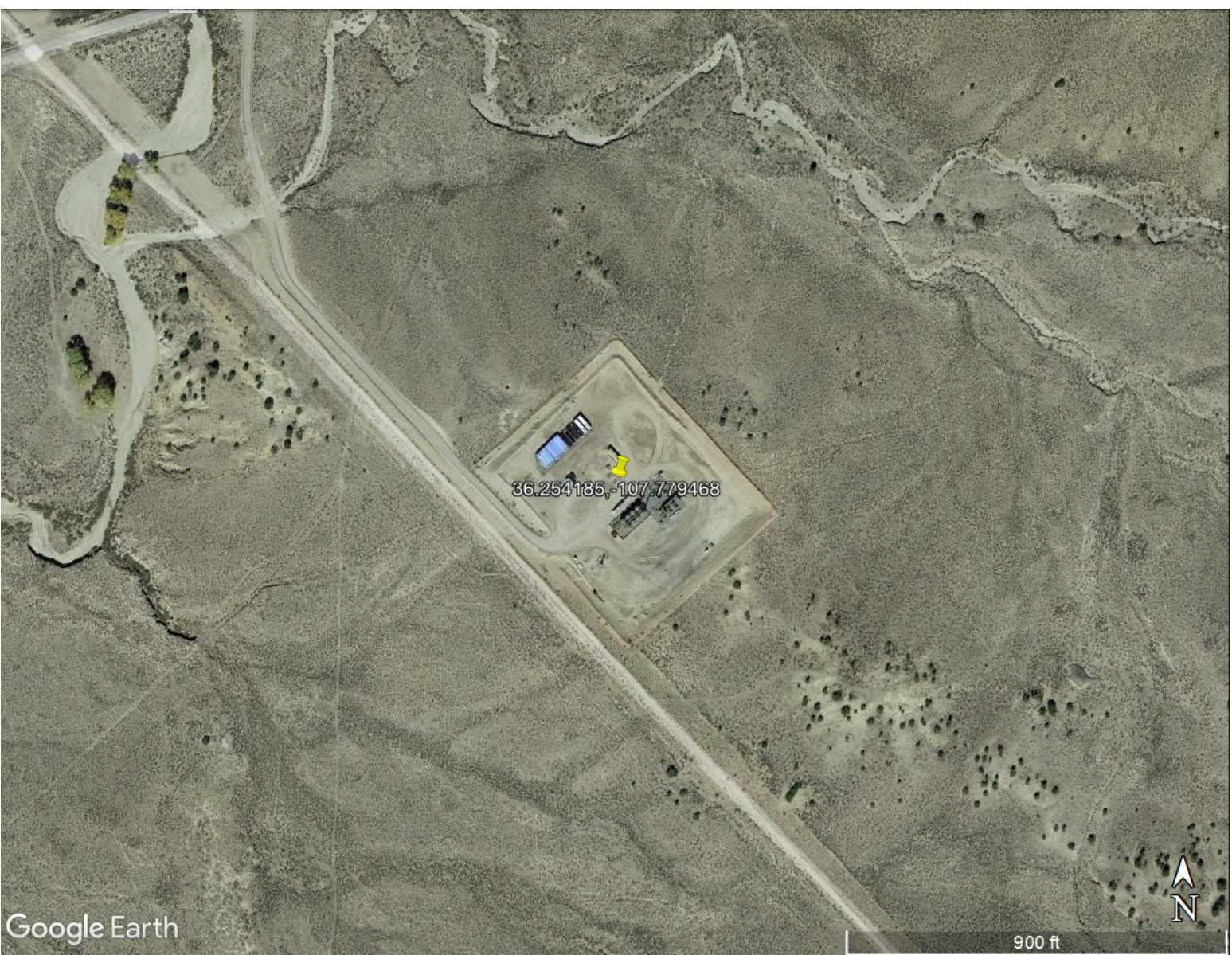
Stn. No.:

21250-10150

Mtr. No.:

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

Well Name	Date	Prams Total	Hours Flared	Hours Produced	Actual Gas	Flared Volumes (MCF)	Vented Volumes (MCF)
NU K03 406H	3/24/2022	607.2	2.5	21.5	526.2	81	0



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District III
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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
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

DEFINITIONS

Action 94416

DEFINITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 94416
	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 94416

QUESTIONS

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	Action Number: 94416
	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	No
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	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	45
Nitrogen (N2) percentage, if greater than one percent	36
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 94416

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	03/24/2022
Time vent or flare was discovered or commenced	12:00 AM
Time vent or flare was terminated	02:30 AM
Cumulative hours during this event	2

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: 81 Mcf Recovered: 0 Mcf Lost: 81 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

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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
farrell	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.	3/30/2022