



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

Analysis No: PD20220163  
Cust No: 21250-10120

**Well/Lease Information**

Customer Name: DJR Portable	Source: METER RUN
Well Name: I01-407H	Well Flowing: Y
County/State: NM	Pressure: 197 PSIG
Location:	Flow Temp: DEG. F
Lease/PA/CA:	Ambient Temp: 65 DEG. F
Formation:	Flow Rate: MCF/D
Cust. Stn. No.:	Sample Method: Purge & Fill
	Sample Date: 04/16/2022
	Sample Time: 11.24 AM
	Sampled By: Erik
	Sampled by (CO): ABC
Heat Trace: N	

Remarks:

**Analysis**

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	49.3581	44.2659	5.4390	0.00	0.4774
CO2	0.1446	0.1297	0.0250	0.00	0.0022
Methane	37.5742	33.6978	6.3800	379.50	0.2081
Ethane	5.7080	5.1191	1.5290	101.01	0.0593
Propane	4.4914	4.0280	1.2390	113.01	0.0684
Iso-Butane	0.5754	0.5160	0.1890	18.71	0.0115
N-Butane	1.1938	1.0706	0.3770	38.95	0.0240
I-Pentane	0.2750	0.2466	0.1010	11.00	0.0069
N-Pentane	0.2396	0.2149	0.0870	9.60	0.0060
Hexane Plus	0.4399	0.3945	0.1960	23.19	0.0146
<b>Total</b>	<b>100.0000</b>	<b>89.6831</b>	<b>15.5620</b>	<b>694.97</b>	<b>0.8782</b>

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

\*\*@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	1.0018	CYLINDER #:	ppc26
BTU/CU.FT IDEAL:	696.6	CYLINDER PRESSURE:	197 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	697.8	ANALYSIS DATE:	04/16/2022
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	685.7	ANALYSIS TIME:	11:31:59 AM
DRY BTU @ 15.025:	711.8	ANALYSIS RUN BY:	ERIK SHAW
REAL SPECIFIC GRAVITY:	0.8795		

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: 04/16/2022

GC Method: C6+ Gas



DJR Portable  
WELL ANALYSIS COMPARISON

Lease: I01-407H  
 Stn. No.:  
 Mtr. No.:  
 METER RUN  
 04/16/2022  
 21250-10120

Smpl Date:	04/16/2022	04/15/2022	03/11/2022	02/28/2022	02/14/2022	01/31/2022	01/27/2022
Test Date:	04/16/2022	04/15/2022	03/11/2022	02/28/2022	02/14/2022	01/31/2022	01/27/2022
Run No:	PD20220163	PD20220160	PD20220071	PD20220061	PD20220054	PD20220047	PD20220040
<b>Nitrogen:</b>	49.3581	5.8631	5.4031	5.5899	6.6211	9.0457	9.2465
<b>CO2:</b>	0.1446	0.2279	0.2590	0.2425	0.2397	0.2308	0.2268
<b>Methane:</b>	37.5742	70.5492	73.7641	74.5679	73.2896	69.6578	70.1059
<b>Ethane:</b>	5.7080	10.7459	10.9230	10.2770	10.3907	10.3689	10.0702
<b>Propane:</b>	4.4914	7.7627	6.6216	5.9783	6.1808	6.8194	6.6934
<b>I-Butane:</b>	0.5754	1.0793	0.7747	0.7051	0.7484	0.8584	0.8332
<b>N-Butane:</b>	1.1938	2.2908	1.5382	1.7339	1.8087	1.7921	1.7216
<b>I-Pentane:</b>	0.2750	0.5542	0.3121	0.2782	0.2710	0.4212	0.4052
<b>N-Pentane:</b>	0.2396	0.4915	0.2569	0.2303	0.2166	0.3618	0.3540
<b>Hexane+:</b>	0.4399	0.4354	0.1473	0.3969	0.2334	0.4439	0.3432
<b>BTU:</b>	697.8	1280.6	1217.8	1213.1	1201.6	1206.8	1193.2
<b>GPM:</b>	15.5620	19.3760	18.9580	18.8920	18.8320	18.8870	18.7830
<b>SPG:</b>	0.8795	0.7916	0.7467	0.7455	0.7490	0.7781	0.7715
	01/24/2022	01/20/2022	01/17/2022	01/13/2022	01/10/2022	01/06/2022	01/03/2022
	01/24/2022	01/20/2022	01/17/2022	01/13/2022	01/10/2022	01/06/2022	01/03/2022
	PD20220036	PD20220032	PD20220027	PD20220021	PD20220016	PD20220012	PD20220008
	10.1788	11.0916	11.5136	12.1621	12.5764	15.4035	15.0803
	0.2258	0.2258	0.2298	0.2180	0.2135	0.2123	0.2107
	70.7339	69.9530	68.5721	67.9810	65.6984	66.5790	65.0710
	9.9468	9.8992	10.2022	9.9990	10.1699	8.7916	9.3717
	6.0616	6.0095	6.4473	6.5147	7.2521	5.5993	6.2397
	0.6871	0.6820	0.7414	0.7682	0.9372	0.7299	0.7798
	1.3701	1.3203	1.4682	1.5198	1.9518	1.5378	1.6710
	0.3031	0.2725	0.3134	0.3247	0.4506	0.3805	0.4395
	0.2658	0.2315	0.2691	0.2730	0.3889	0.3430	0.3926
	0.2270	0.3146	0.2429	0.2395	0.3612	0.4231	0.7437
	1151.1	1141.1	1149.8	1144.9	1179.7	1099.9	1138.8
	18.5010	18.4370	18.5140	18.4780	18.7250	18.1380	18.4240
	0.7543	0.7576	0.7678	0.7714	0.7981	0.7771	0.7986



DJR Portable  
WELL ANALYSIS COMPARISON

Lease: I01-407H  
Stn. No.:  
Mtr. No.:

METER RUN

04/16/2022  
21250-10120

12/30/2021	12/28/2021	12/23/2021	12/20/2021	12/15/2021	12/13/2021	12/09/2021
12/30/2021	12/28/2021	12/23/2021	12/20/2021	12/15/2021	12/13/2021	12/09/2021
PD20211076	PD20211073	PD20211068	PD20211041	PD20211040	PD20211039	PD20211038
12.7235	17.0580	20.7150	25.3472	28.4050	26.0635	33.0706
0.1799	0.2105	0.2053	0.1914	0.1787	0.2219	0.1981
48.8934	61.3720	59.1870	57.7848	53.5509	52.4278	47.3914
9.7193	10.5527	9.2334	8.5063	8.2858	8.9391	7.5993
9.9774	7.4324	6.7058	5.5692	6.0616	7.8084	6.3057
2.0729	0.8707	0.8633	0.6498	0.7767	0.9755	0.8247
5.5360	1.6805	1.8220	1.2705	1.6234	1.9584	1.6969
2.1137	0.3237	0.4398	0.2643	0.3834	0.4291	0.4125
2.0805	0.2595	0.3767	0.2175	0.3266	0.3581	0.3587
6.7034	0.2400	0.4517	0.1990	0.4079	0.8182	2.1421
1704.6	1118.9	1079.8	971.4	973.0	1060.3	1003.2
22.1900	18.3740	18.0710	17.3440	17.3700	17.9760	17.5660
1.1377	0.8068	0.8207	0.8001	0.8336	0.8655	0.9034
12/06/2021						
12/06/2021						
PD20211037						
45.4880						
0.1456						
39.2485						
6.2417						
5.0730						
0.6917						
1.4753						
0.3760						
0.3341						
0.9261						
785.9						
16.1450						
0.8950						

Site	Date	Prams Total	Hours Flared	Hours Produced	Actual Gas	Flare Volumes	Vented
NAU I01 407H	4/17/2022	1935.6	24	0	0	1935.6	0



North Alamito Unit 407H

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

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 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 99428

**DEFINITIONS**

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 99428
	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 99428

**QUESTIONS**

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 99428
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

<b>Prerequisites</b>	
<i>Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.</i>	
Incident Well	[30-045-38214] N ALAMITO UNIT #407H
Incident Facility	Not answered.

<b>Determination of Reporting Requirements</b>	
<i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i>	
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.
<i>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.</i>	
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 within 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

<b>Equipment Involved</b>	
Primary Equipment Involved	Well
Additional details for Equipment Involved. Please specify	Not answered.

<b>Representative Compositional Analysis of Vented or Flared Natural Gas</b>	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	38
Nitrogen (N2) percentage, if greater than one percent	49
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
<i>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</i>	
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 99428

**QUESTIONS (continued)**

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 99428
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/17/2022
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: 1,936 Mcf   Recovered: 0 Mcf   Lost: 1,936 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 99428

**ACKNOWLEDGMENTS**

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 99428
	Action Type: [C-129] Venting and/or Flaring (C-129)

**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	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 <b>complete</b> C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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 99428

**CONDITIONS**

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 99428
	Action Type: [C-129] Venting and/or Flaring (C-129)

**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.	4/18/2022