



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

Analysis No: PD20220171  
Cust No: 21250-10120

### Well/Lease Information

Customer Name: DJR Portable  
Well Name: I01-407H  
County/State: NM  
Location:  
Lease/PA/CA:  
Formation:  
Cust. Stn. No.:

Source: METER RUN  
Well Flowing: Y  
Pressure: 75 PSIG  
Flow Temp: DEG. F  
Ambient Temp: 68 DEG. F  
Flow Rate: MCF/D  
Sample Method: Purge & Fill  
Sample Date: 04/18/2022  
Sample Time: 10.44 AM  
Sampled By: Erik  
Sampled by (CO): ABC

Heat Trace: N  
Remarks:

### Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	36.3602	32.0189	4.0080	0.00	0.3517
CO2	0.1926	0.1696	0.0330	0.00	0.0029
Methane	47.0770	41.4561	7.9970	475.48	0.2608
Ethane	7.5393	6.6391	2.0200	133.42	0.0783
Propane	5.6125	4.9424	1.5490	141.22	0.0855
Iso-Butane	0.7233	0.6369	0.2370	23.52	0.0145
N-Butane	1.5520	1.3667	0.4900	50.63	0.0311
I-Pentane	0.3586	0.3158	0.1310	14.35	0.0089
N-Pentane	0.3173	0.2794	0.1150	12.72	0.0079
Hexane Plus	0.2672	0.2353	0.1190	14.08	0.0088
Total	100.0000	88.0602	16.6990	865.42	0.8504

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

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

COMPRESSIBILITY FACTOR (1/Z): 1.0023  
BTU/CU.FT IDEAL: 867.4  
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 869.4  
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 854.3  
DRY BTU @ 15.025: 886.8  
REAL SPECIFIC GRAVITY: 0.852

CYLINDER #: ppc26  
CYLINDER PRESSURE: 75 PSIG  
ANALYSIS DATE: 04/18/2022  
ANALYSIS TIME: 10:44:04 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: 04/18/2022

GC Method: C6+ Gas



DJR Portable  
WELL ANALYSIS COMPARISON

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

METER RUN

04/18/2022  
21250-10120

<b>Smpl Date:</b>	04/18/2022	04/16/2022	04/15/2022	03/11/2022	02/28/2022	02/14/2022	01/31/2022
<b>Test Date:</b>	04/18/2022	04/16/2022	04/15/2022	03/11/2022	02/28/2022	02/14/2022	01/31/2022
<b>Run No:</b>	PD20220171	PD20220163	PD20220160	PD20220071	PD20220061	PD20220054	PD20220047
<b>Nitrogen:</b>	36.3602	49.3581	5.8631	5.4031	5.5899	6.6211	9.0457
<b>CO2:</b>	0.1926	0.1446	0.2279	0.2590	0.2425	0.2397	0.2308
<b>Methane:</b>	47.0770	37.5742	70.5492	73.7641	74.5679	73.2896	69.6578
<b>Ethane:</b>	7.5393	5.7080	10.7459	10.9230	10.2770	10.3907	10.3689
<b>Propane:</b>	5.6125	4.4914	7.7627	6.6216	5.9783	6.1808	6.8194
<b>I-Butane:</b>	0.7233	0.5754	1.0793	0.7747	0.7051	0.7484	0.8584
<b>N-Butane:</b>	1.5520	1.1938	2.2908	1.5382	1.7339	1.8087	1.7921
<b>I-Pentane:</b>	0.3586	0.2750	0.5542	0.3121	0.2782	0.2710	0.4212
<b>N-Pentane:</b>	0.3173	0.2396	0.4915	0.2569	0.2303	0.2166	0.3618
<b>Hexane+:</b>	0.2672	0.4399	0.4354	0.1473	0.3969	0.2334	0.4439
<b>BTU:</b>	869.4	697.8	1280.6	1217.8	1213.1	1201.6	1206.8
<b>GPM:</b>	16.6990	15.5620	19.3760	18.9580	18.8920	18.8320	18.8870
<b>SPG:</b>	0.8520	0.8795	0.7916	0.7467	0.7455	0.7490	0.7781
	01/27/2022	01/24/2022	01/20/2022	01/17/2022	01/13/2022	01/10/2022	01/06/2022
	01/27/2022	01/24/2022	01/20/2022	01/17/2022	01/13/2022	01/10/2022	01/06/2022
	PD20220040	PD20220036	PD20220032	PD20220027	PD20220021	PD20220016	PD20220012
	9.2465	10.1788	11.0916	11.5136	12.1621	12.5764	15.4035
	0.2268	0.2258	0.2258	0.2298	0.2180	0.2135	0.2123
	70.1059	70.7339	69.9530	68.5721	67.9810	65.6984	66.5790
	10.0702	9.9468	9.8992	10.2022	9.9990	10.1699	8.7916
	6.6934	6.0616	6.0095	6.4473	6.5147	7.2521	5.5993
	0.8332	0.6871	0.6820	0.7414	0.7682	0.9372	0.7299
	1.7216	1.3701	1.3203	1.4682	1.5198	1.9518	1.5378
	0.4052	0.3031	0.2725	0.3134	0.3247	0.4506	0.3805
	0.3540	0.2658	0.2315	0.2691	0.2730	0.3889	0.3430
	0.3432	0.2270	0.3146	0.2429	0.2395	0.3612	0.4231
	1193.2	1151.1	1141.1	1149.8	1144.9	1179.7	1099.9
	18.7830	18.5010	18.4370	18.5140	18.4780	18.7250	18.1380
	0.7715	0.7543	0.7576	0.7678	0.7714	0.7981	0.7771



DJR Portable  
WELL ANALYSIS COMPARISON

Lease: I01-407H

Stn. No.:

Mtr. No.:

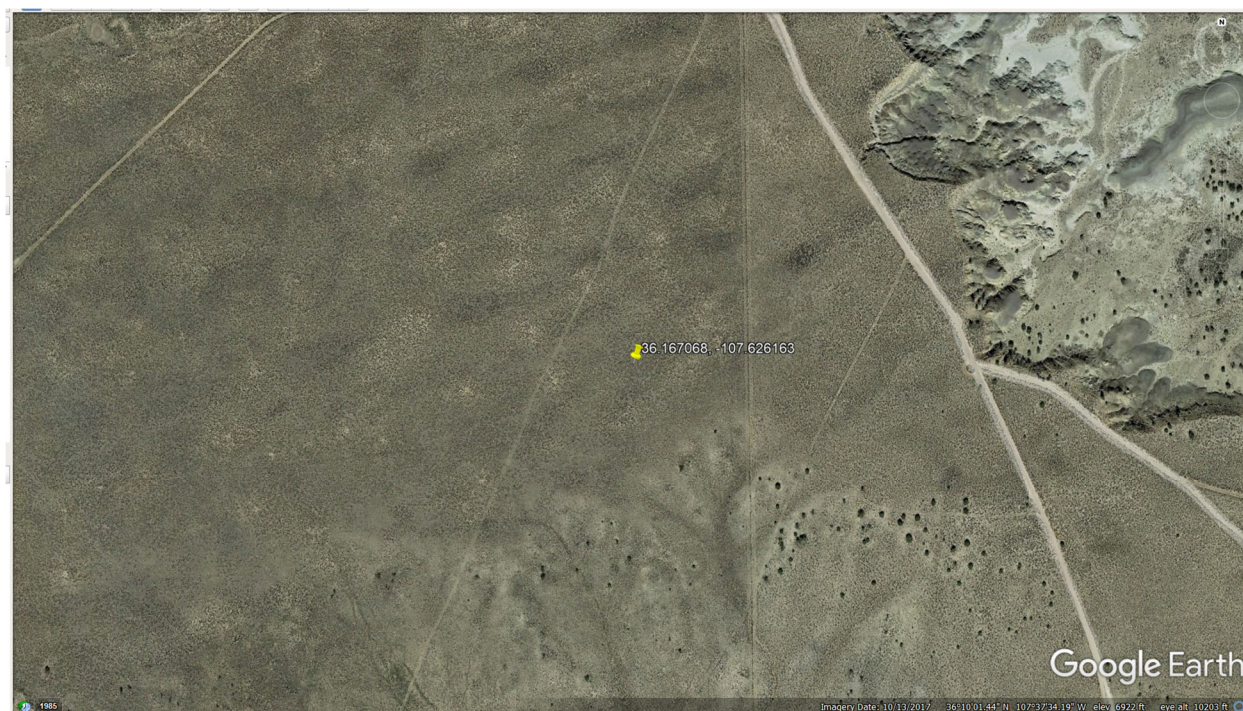
METER RUN

04/18/2022

21250-10120

01/03/2022	12/30/2021	12/28/2021	12/23/2021	12/20/2021	12/15/2021	12/13/2021
01/03/2022	12/30/2021	12/28/2021	12/23/2021	12/20/2021	12/15/2021	12/13/2021
PD20220008	PD20211076	PD20211073	PD20211068	PD20211041	PD20211040	PD20211039
15.0803	12.7235	17.0580	20.7150	25.3472	28.4050	26.0635
0.2107	0.1799	0.2105	0.2053	0.1914	0.1787	0.2219
65.0710	48.8934	61.3720	59.1870	57.7848	53.5509	52.4278
9.3717	9.7193	10.5527	9.2334	8.5063	8.2858	8.9391
6.2397	9.9774	7.4324	6.7058	5.5692	6.0616	7.8084
0.7798	2.0729	0.8707	0.8633	0.6498	0.7767	0.9755
1.6710	5.5360	1.6805	1.8220	1.2705	1.6234	1.9584
0.4395	2.1137	0.3237	0.4398	0.2643	0.3834	0.4291
0.3926	2.0805	0.2595	0.3767	0.2175	0.3266	0.3581
0.7437	6.7034	0.2400	0.4517	0.1990	0.4079	0.8182
1138.8	1704.6	1118.9	1079.8	971.4	973.0	1060.3
18.4240	22.1900	18.3740	18.0710	17.3440	17.3700	17.9760
0.7986	1.1377	0.8068	0.8207	0.8001	0.8336	0.8655
12/09/2021	12/06/2021					
12/09/2021	12/06/2021					
PD20211038	PD20211037					
33.0706	45.4880					
0.1981	0.1456					
47.3914	39.2485					
7.5993	6.2417					
6.3057	5.0730					
0.8247	0.6917					
1.6969	1.4753					
0.4125	0.3760					
0.3587	0.3341					
2.1421	0.9261					
1003.2	785.9					
17.5660	16.1450					
0.9034	0.8950					

Site	Date	Prams Total	Hours Flared	Hours Produced	Actual Gas	Flare Volumes	Vented
NAU I01-407	4/19/2022	1693.7	24	0	0	1693.7	0



North Alamito Unit 407H

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**District II**  
811 S. First St., Artesia, NM 88210  
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**District III**  
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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 100312

DEFINITIONS

Operator:  DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID:  371838
	Action Number:  100312
	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: <ul style="list-style-type: none"><li>• this application's operator, hereinafter "this operator";</li><li>• venting and/or flaring, hereinafter "vent or flare";</li><li>• any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";</li><li>• the statements in (and/or attached to) this, hereinafter "the statements in this";</li><li>• and the past tense will be used in lieu of mixed past/present tense questions and statements.</li></ul>
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QUESTIONS

Action 100312

**QUESTIONS**

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 100312
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

<b>Prerequisites</b>	
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	[30-045-38214] N ALAMITO UNIT #407H
Incident Facility	Not answered.

<b>Determination of Reporting Requirements</b>	
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 <b>ANY</b> 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>	
Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	47
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 100312

QUESTIONS (continued)

Operator:  DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID:  371838
	Action Number:  100312
	Action Type:  [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/19/2022
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: 1,694 Mcf   Recovered: 0 Mcf   Lost: 1,694 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 100312

**ACKNOWLEDGMENTS**

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 100312
	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 100312

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 100312
	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.	4/20/2022