



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

Analysis No: PD20220170
Cust No: 21250-10030

Well/Lease Information

Customer Name: DJR Portable
Well Name: I01-405H
County/State: NM
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.:

Source: METER RUN
Well Flowing: Y
Pressure: 231 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: 10.36 AM
Sampled By: Erik
Sampled by (CO): ABC

Heat Trace: N
Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	47.6332	41.1153	5.2490	0.00	0.4607
CO2	0.1791	0.1546	0.0310	0.00	0.0027
Methane	39.1489	33.7920	6.6470	395.40	0.2168
Ethane	5.9626	5.1467	1.5970	105.52	0.0619
Propane	4.3861	3.7859	1.2100	110.36	0.0668
Iso-Butane	0.5670	0.4894	0.1860	18.44	0.0114
N-Butane	1.2322	1.0636	0.3890	40.20	0.0247
I-Pentane	0.3076	0.2655	0.1130	12.31	0.0077
N-Pentane	0.2809	0.2425	0.1020	11.26	0.0070
Hexane Plus	0.3024	0.2610	0.1350	15.94	0.0100
Total	100.0000	86.3165	15.6590	709.43	0.8697

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0018
BTU/CU.FT IDEAL: 711.1
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 712.3
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 699.9
DRY BTU @ 15.025: 726.6
REAL SPECIFIC GRAVITY: 0.871

CYLINDER #: gas230
CYLINDER PRESSURE: 231 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: I01-405H
Stn. No.:
Mtr. No.:

METER RUN

04/18/2022
21250-10030

Smpl Date:	04/18/2022	04/16/2022	04/15/2022	03/11/2022	02/28/2022	02/14/2022	01/31/2022
Test Date:	04/18/2022	04/16/2022	04/15/2022	03/11/2022	02/28/2022	02/14/2022	01/31/2022
Run No:	PD20220170	PD20220162	PD20220159	PD20220070	PD20220060	PD20220053	PD20220046
Nitrogen:	47.6332	45.8179	5.9179	5.0151	5.0025	5.8918	7.5270
CO2:	0.1791	0.1618	0.2187	0.2732	0.2589	0.2514	0.2452
Methane:	39.1489	41.0229	71.7217	74.4344	75.0736	73.4559	69.6963
Ethane:	5.9626	5.9551	10.7780	10.7979	10.3406	10.3148	10.7656
Propane:	4.3861	4.3482	7.2446	6.5243	5.9543	6.2598	7.4657
I-Butane:	0.5670	0.5426	0.9077	0.7504	0.7056	0.7771	0.9567
N-Butane:	1.2322	1.1361	1.9135	1.5040	1.7953	2.0313	2.0445
I-Pentane:	0.3076	0.2612	0.4574	0.2985	0.2850	0.3438	0.4774
N-Pentane:	0.2809	0.2335	0.4135	0.2504	0.2384	0.2921	0.4142
Hexane+:	0.3024	0.5207	0.4270	0.1518	0.3458	0.3820	0.4074
BTU:	712.3	734.2	1254.3	1217.4	1218.7	1226.2	1244.8
GPM:	15.6590	15.7890	19.1980	18.9500	18.9320	18.9840	19.1510
SPG:	0.8710	0.8654	0.7750	0.7426	0.7431	0.7573	0.7865
	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
	PD20220039	PD20220035	PD20220031	PD20220026	PD20220020	PD20220015	PD20220011
	8.1150	8.6691	8.9657	10.2073	10.7471	11.2613	9.0345
	0.2466	0.2383	0.2472	0.2384	0.2311	0.2301	0.2440
	71.0747	70.4081	68.1266	70.6432	69.2539	68.4994	61.2513
	10.5029	10.1767	10.8363	9.9853	9.8893	9.8534	12.0655
	6.7363	6.7003	7.6958	6.0566	6.4199	6.4073	10.6186
	0.7944	0.8306	0.9511	0.6914	0.7876	0.8059	1.4857
	1.6003	1.7559	1.9625	1.3820	1.6645	1.7545	3.2052
	0.3392	0.4063	0.4301	0.2867	0.3952	0.4348	0.7639
	0.2882	0.3568	0.3707	0.2435	0.3486	0.3879	0.6777
	0.3024	0.4579	0.4140	0.2656	0.2628	0.3654	0.6536
	1199.2	1205.8	1229.7	1151.7	1166.1	1169.6	1353.7
	18.8360	18.8670	19.0670	18.5070	18.6040	18.6270	19.9720
	0.7635	0.7736	0.7922	0.7552	0.7701	0.7779	0.8726



DJR Portable

WELL ANALYSIS COMPARISON

Lease: I01-405H

METER RUN

04/18/2022

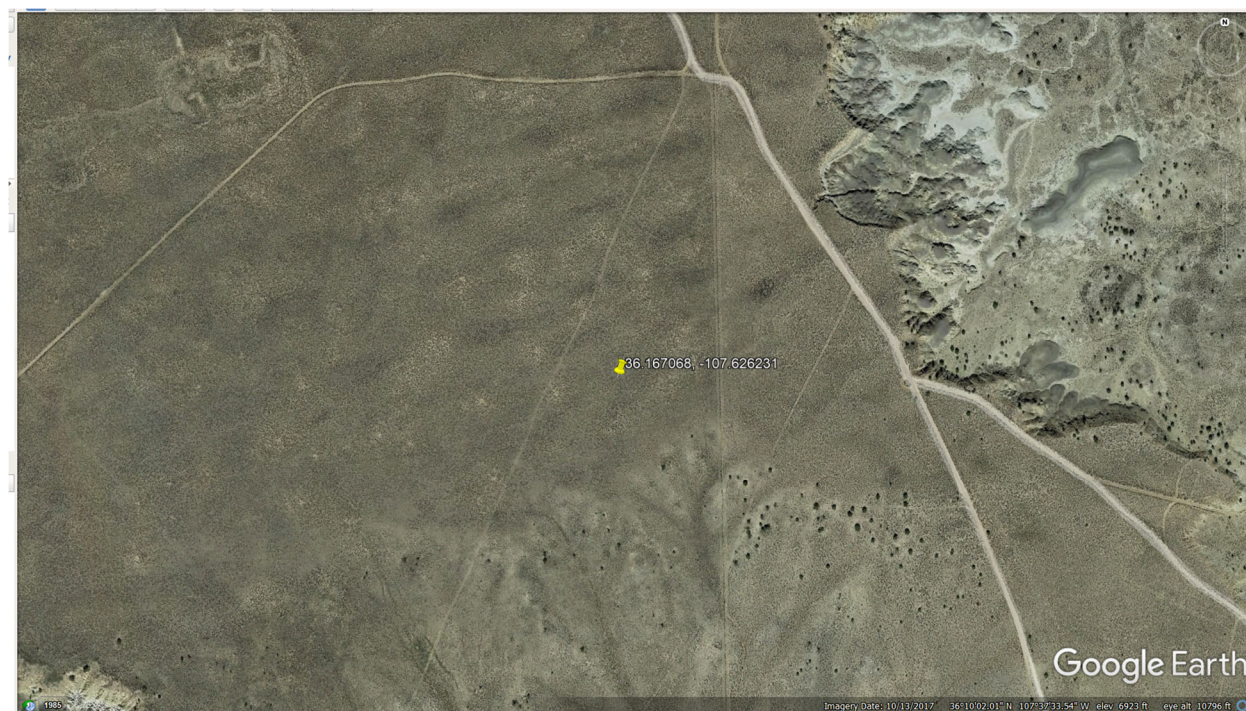
Stn. No.:

21250-10030

Mtr. No.:

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
PD20220006	PD20211075	PD20211071	PD20211067	PD20211031	PD20211030	PD20211029
11.7622	15.0733	16.0763	17.4455	21.3070	23.3706	20.0732
0.2381	0.2176	0.2203	0.2147	0.2072	0.2187	0.2548
62.0742	66.6506	65.7930	60.7029	61.0545	56.5978	50.3423
11.4677	9.4236	9.3949	9.8864	8.8230	8.3528	11.2098
9.1260	5.8742	5.7433	7.4210	5.7555	6.0302	10.7940
1.1371	0.6623	0.6350	0.9598	0.6624	0.7001	1.4722
2.3647	1.3099	1.2560	2.0289	1.3282	1.4506	2.9547
0.5138	0.2563	0.2502	0.4867	0.2677	0.3219	0.6161
0.4183	0.2109	0.2059	0.3742	0.2195	0.2737	0.5097
0.8979	0.3213	0.4251	0.4799	0.3750	2.6836	1.7732
1266.4	1093.5	1083.2	1138.4	1027.0	1113.0	1269.9
19.3720	18.1260	18.0650	18.4750	17.7010	18.2590	19.4550
0.8456	0.7694	0.7736	0.8236	0.7930	0.8709	0.9370
12/09/2021	12/06/2021					
12/09/2021	12/06/2021					
PD20211028	PD20211027					
29.1173	38.3204					
0.2116	0.1927					
48.9837	45.1196					
7.7932	6.9928					
6.4332	5.8048					
0.8258	0.7418					
1.7158	1.5385					
0.4011	0.3592					
0.3594	0.3067					
4.1589	0.6235					
1134.2	863.4					
18.4110	16.6520					
0.9460	0.8692					

Site	Date	Prams Total	Hours Flared	Hours Produced	Actual Gas	Flare Volumes	Vented
NAU I01-405	4/21/2022	594.504167	8.5	0	0	594.504167	0



North Alamito Unit 405H

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District II
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Phone:(575) 748-1283 Fax:(575) 748-9720
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 101051

DEFINITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 101051
	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 101051

QUESTIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 101051
	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	[30-045-38212] N ALAMITO UNIT #405H
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	39
Nitrogen (N2) percentage, if greater than one percent	48
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 101051

QUESTIONS (continued)

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 101051
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/21/2022
Time vent or flare was discovered or commenced	12:00 AM
Time vent or flare was terminated	08:30 AM
Cumulative hours during this event	8

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: 594 Mcf Recovered: 0 Mcf Lost: 594 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 101051

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 101051
	Action Type:
	[C-129] Venting and/or Flaring (C-129)

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 101051

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 101051
	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.	4/23/2022