



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

Analysis No: PD20220162
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: 197 PSIG
Flow Temp: DEG. F
Ambient Temp: 65 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 04/16/2022
Sample Time: 11.14 AM
Sampled By: Erik
Sampled by (CO): ABC

Heat Trace: N
Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	45.8179	41.5164	5.0490	0.00	0.4432
CO2	0.1618	0.1466	0.0280	0.00	0.0025
Methane	41.0229	37.1716	6.9660	414.33	0.2272
Ethane	5.9551	5.3960	1.5950	105.39	0.0618
Propane	4.3482	3.9400	1.2000	109.41	0.0662
Iso-Butane	0.5426	0.4917	0.1780	17.64	0.0109
N-Butane	1.1361	1.0294	0.3590	37.06	0.0228
I-Pentane	0.2612	0.2367	0.0960	10.45	0.0065
N-Pentane	0.2335	0.2116	0.0850	9.36	0.0058
Hexane Plus	0.5207	0.4718	0.2330	27.45	0.0172
Total	100.0000	90.6118	15.7890	731.09	0.8641

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0019
BTU/CU.FT IDEAL: 732.8
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 734.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 721.4
DRY BTU @ 15.025: 748.9
REAL SPECIFIC GRAVITY: 0.8654

CYLINDER #: gas230
CYLINDER PRESSURE: 197 PSIG
ANALYSIS DATE: 04/16/2022
ANALYSIS TIME: 11:24:06 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: 04/16/2022

GC Method: C6+ Gas



DJR Portable

WELL ANALYSIS COMPARISON

Lease: I01-405H

METER RUN

04/16/2022

Stn. No.:

21250-10030

Mtr. No.:

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:	PD20220162	PD20220159	PD20220070	PD20220060	PD20220053	PD20220046	PD20220039
Nitrogen:	45.8179	5.9179	5.0151	5.0025	5.8918	7.5270	8.1150
CO2:	0.1618	0.2187	0.2732	0.2589	0.2514	0.2452	0.2466
Methane:	41.0229	71.7217	74.4344	75.0736	73.4559	69.6963	71.0747
Ethane:	5.9551	10.7780	10.7979	10.3406	10.3148	10.7656	10.5029
Propane:	4.3482	7.2446	6.5243	5.9543	6.2598	7.4657	6.7363
I-Butane:	0.5426	0.9077	0.7504	0.7056	0.7771	0.9567	0.7944
N-Butane:	1.1361	1.9135	1.5040	1.7953	2.0313	2.0445	1.6003
I-Pentane:	0.2612	0.4574	0.2985	0.2850	0.3438	0.4774	0.3392
N-Pentane:	0.2335	0.4135	0.2504	0.2384	0.2921	0.4142	0.2882
Hexane+:	0.5207	0.4270	0.1518	0.3458	0.3820	0.4074	0.3024
BTU:	734.2	1254.3	1217.4	1218.7	1226.2	1244.8	1199.2
GPM:	15.7890	19.1980	18.9500	18.9320	18.9840	19.1510	18.8360
SPG:	0.8654	0.7750	0.7426	0.7431	0.7573	0.7865	0.7635
	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
	PD20220035	PD20220031	PD20220026	PD20220020	PD20220015	PD20220011	PD20220006
	8.6691	8.9657	10.2073	10.7471	11.2613	9.0345	11.7622
	0.2383	0.2472	0.2384	0.2311	0.2301	0.2440	0.2381
	70.4081	68.1266	70.6432	69.2539	68.4994	61.2513	62.0742
	10.1767	10.8363	9.9853	9.8893	9.8534	12.0655	11.4677
	6.7003	7.6958	6.0566	6.4199	6.4073	10.6186	9.1260
	0.8306	0.9511	0.6914	0.7876	0.8059	1.4857	1.1371
	1.7559	1.9625	1.3820	1.6645	1.7545	3.2052	2.3647
	0.4063	0.4301	0.2867	0.3952	0.4348	0.7639	0.5138
	0.3568	0.3707	0.2435	0.3486	0.3879	0.6777	0.4183
	0.4579	0.4140	0.2656	0.2628	0.3654	0.6536	0.8979
	1205.8	1229.7	1151.7	1166.1	1169.6	1353.7	1266.4
	18.8670	19.0670	18.5070	18.6040	18.6270	19.9720	19.3720
	0.7736	0.7922	0.7552	0.7701	0.7779	0.8726	0.8456



DJR Portable
WELL ANALYSIS COMPARISON

Lease: I01-405H

Stn. No.:

Mtr. No.:

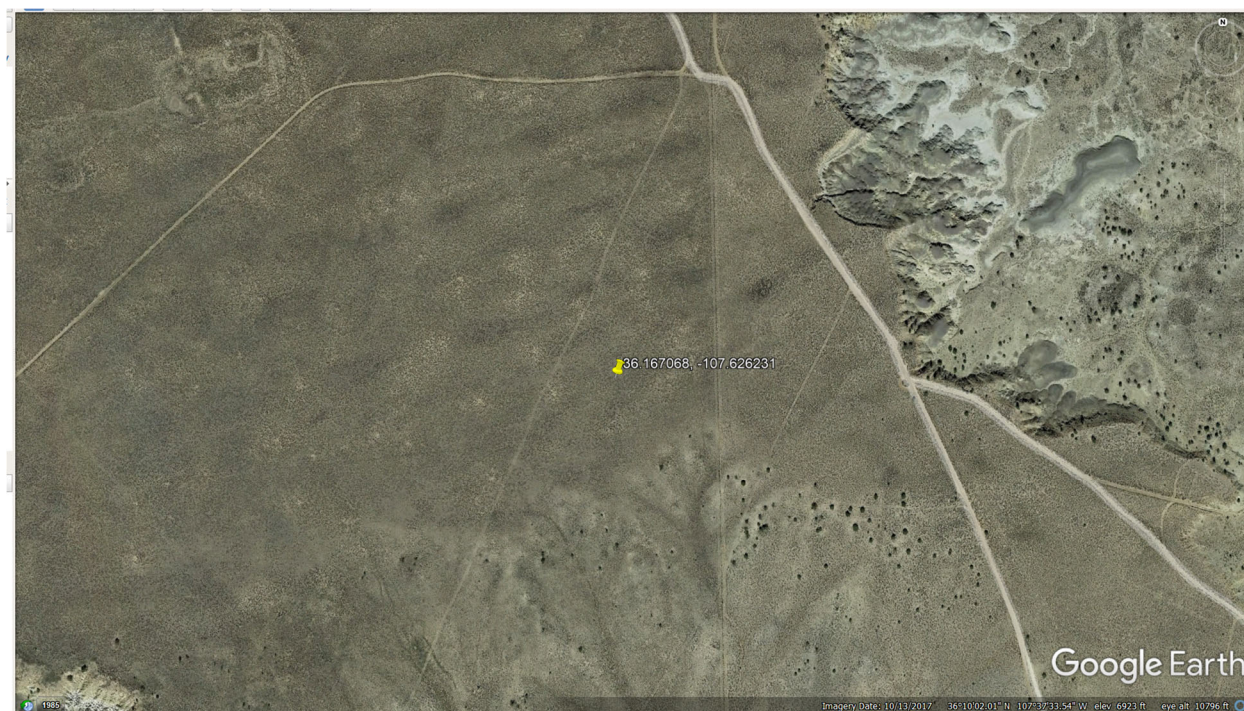
METER RUN

04/16/2022

21250-10030

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

Site	Date	Prams Total	Hours Flared	Hours Produced	Actual Gas	Flare Volumes	Vented
NAU I01 405H	4/16/2022	505	24	0	0	505	0



North Alamito Unit 405H

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1625 N. French Dr., Hobbs, NM 88240
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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 99396

DEFINITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 99396
	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 99396

QUESTIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 99396
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Prerequisites	
<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	[30-045-38212] N ALAMITO UNIT #405H
Incident Facility	Not answered.

Determination of Reporting Requirements	
<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 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	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	41
Nitrogen (N2) percentage, if greater than one percent	46
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 99396

QUESTIONS (continued)

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 99396
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/16/2022
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: 505 Mcf Recovered: 0 Mcf Lost: 505 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 99396

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 99396
	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 99396

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 99396
	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