



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

Analysis No: PD20221430
Cust No: 21250-10145

Well/Lease Information

Customer Name: DJR Portable
Well Name: K03-405H
County/State:
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.:

Source: METER RUN
Well Flowing: Y
Pressure: 62 PSIG
Flow Temp: DEG. F
Ambient Temp: 71 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 08/25/2022
Sample Time: 10.49 AM
Sampled By: ERIK
Sampled by (CO): ABC

Heat Trace: N
Remarks:

Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	33.4570	29.8320	3.6900	0.00	0.3236
CO2	0.2557	0.2280	0.0440	0.00	0.0039
Methane	45.7073	40.7550	7.7680	461.64	0.2532
Ethane	8.1904	7.3030	2.1960	144.95	0.0850
Propane	7.5542	6.7357	2.0860	190.07	0.1150
Iso-Butane	0.9482	0.8455	0.3110	30.83	0.0190
N-Butane	2.6183	2.3346	0.8280	85.42	0.0525
I-Pentane	0.5751	0.5128	0.2110	23.01	0.0143
N-Pentane	0.5587	0.4982	0.2030	22.40	0.0139
Hexane Plus	0.1351	0.1205	0.0600	7.12	0.0045
Total	100.0000	89.1653	17.3970	965.44	0.8850

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0028
BTU/CU.FT IDEAL: 967.7
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 970.4
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 953.5
DRY BTU @ 15.025: 989.8
REAL SPECIFIC GRAVITY: 0.8871

CYLINDER #: 1800
CYLINDER PRESSURE: 62 PSIG
ANALYSIS DATE: 08/25/2022
ANALYSIS TIME: 10:55:11 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: 08/25/2022

GC Method: C6+ Gas



DJR Portable

WELL ANALYSIS COMPARISON

Lease: K03-405H

METER RUN

08/25/2022

Stn. No.:

21250-10145

Mtr. No.:

Smpl Date:	08/25/2022	08/23/2022	08/18/2022	08/15/2022	08/11/2022	08/08/2022	08/04/2022
Test Date:	08/25/2022	08/23/2022	08/18/2022	08/15/2022	08/11/2022	08/08/2022	08/04/2022
Run No:	PD20221430	PD20221396	PD20221374	PD20221351	PD20221333	PD20221309	PD20221283
Nitrogen:	33.4570	24.4654	38.6445	47.8073	67.6802	69.3635	26.8915
CO2:	0.2557	0.2481	0.2483	0.2420	0.1861	0.1911	0.2811
Methane:	45.7073	45.0363	41.8267	35.8721	21.9528	20.0811	52.3342
Ethane:	8.1904	10.3104	7.7509	6.4127	3.7572	3.6138	8.7606
Propane:	7.5542	11.6246	7.2093	5.9064	3.7497	3.8853	7.2729
I-Butane:	0.9482	1.6676	0.8695	0.7337	0.5099	0.5486	0.8702
N-Butane:	2.6183	4.7320	2.3729	2.0148	1.4299	1.5428	2.4427
I-Pentane:	0.5751	0.9485	0.4862	0.4560	0.3340	0.3538	0.5323
N-Pentane:	0.5587	0.8305	0.4608	0.4462	0.3204	0.3389	0.4964
Hexane+:	0.1351	0.1366	0.1309	0.1088	0.0798	0.0811	0.1181
BTU:	970.4	1224.8	895.8	759.2	477.9	466.4	1027.5
GPM:	17.3970	19.1540	16.9180	16.0060	14.1420	14.0730	17.7560
SPG:	0.8871	0.9548	0.8943	0.9040	0.9337	0.9444	0.8542
	08/01/2022	07/28/2022	07/25/2022	07/21/2022	07/18/2022	07/14/2022	07/11/2022
	08/01/2022	07/28/2022	07/25/2022	07/21/2022	07/18/2022	07/14/2022	07/11/2022
	PD20221225	PD20221173	PD20221122	PD20221073	PD20221019	PD20220970	PD20220924
	36.2851	40.6221	41.5465	44.7640	57.9786	60.6261	63.3639
	0.2640	0.2888	0.2617	0.2522	0.2392	0.2290	0.2219
	45.0679	41.6214	40.5993	37.4518	28.3884	26.5322	24.5953
	7.7324	6.9908	7.0845	6.6776	4.9909	4.6755	4.3542
	6.6490	6.1816	6.3936	6.4174	4.8939	4.6197	4.3306
	0.7971	0.7499	0.7892	0.8287	0.6003	0.5827	0.5512
	2.1595	2.0721	2.0380	2.3087	1.6467	1.5853	1.4896
	0.4689	0.4585	0.4189	0.4478	0.3753	0.3531	0.3372
	0.4515	0.4543	0.4054	0.4191	0.3815	0.3501	0.3386
	0.1246	0.5605	0.4629	0.4327	0.5052	0.4463	0.4175
	903.5	861.8	849.9	821.5	630.9	591.6	552.1
	16.9480	16.6640	16.5990	16.4110	15.1540	14.8940	14.6370
	0.8743	0.8942	0.8960	0.9119	0.9298	0.9326	0.9362



DJR Portable
WELL ANALYSIS COMPARISON

Lease: K03-405H

Stn. No.:

Mtr. No.:

METER RUN

08/25/2022

21250-10145

07/07/2022	07/04/2022	06/30/2022	06/27/2022	06/23/2022	06/21/2022	03/24/2022
07/07/2022	07/04/2022	06/30/2022	06/27/2022	06/23/2022	06/21/2022	03/24/2022
PD20220883	PD20220842	PD20220794	PD20220750	PD20220711	PD20220677	PD20220084
67.6444	69.0391	74.3482	79.1368	93.0808	94.6899	24.2540
0.2031	0.1624	0.1634	0.1447	0.1506	0.1368	0.3265
22.5497	20.3694	16.6159	13.2290	0.0000	0.0000	54.0990
3.9630	3.5259	2.9963	2.4192	2.1630	1.6603	8.9479
4.0413	3.9670	3.2494	2.7970	2.5036	1.9544	7.2793
0.5200	0.4857	0.4381	0.3868	0.3495	0.2779	0.9244
0.0000	1.3169	1.2143	1.0655	0.9609	0.7518	2.6714
0.3298	0.3141	0.2967	0.2521	0.2413	0.1813	0.5782
0.3309	0.3193	0.2993	0.2506	0.2491	0.1831	0.5693
0.4178	0.5002	0.3784	0.3183	0.3012	0.1645	0.3500
466.6	480.2	401.6	332.1	180.0	135.8	1075.4
14.0820	14.1550	13.6450	13.1870	12.2690	11.9600	18.0650
0.9264	0.9494	0.9554	0.9613	1.0119	1.0003	0.8577
03/21/2022	03/17/2022	03/14/2022	03/11/2022	03/10/2022	03/09/2022	
03/21/2022	03/17/2022	03/14/2022	03/11/2022	03/10/2022	03/09/2022	
PD20220081	PD20220079	PD20220078	PD20220075	PD20220065	PD20220063	
30.1091	26.1821	28.6448	32.1725	36.4995	48.2286	
0.2981	0.3143	0.3008	0.3031	0.2934	0.1848	
50.1801	53.2743	52.2929	49.0509	46.4119	38.8674	
7.9528	8.5974	8.1499	7.7904	7.2609	5.6992	
7.0586	7.3622	6.8458	6.5104	6.1376	4.7448	
0.8113	0.7989	0.7326	0.7066	0.6750	0.4940	
2.2285	2.0980	1.8971	1.8724	1.7733	1.2183	
0.4739	0.4052	0.3711	0.3696	0.3531	0.1742	
0.4735	0.3950	0.3622	0.3616	0.3473	0.1324	
0.4141	0.5726	0.4028	0.8625	0.2480	0.2563	
989.1	1037.6	986.0	960.8	876.7	697.2	
17.4840	17.8120	17.4620	17.3020	16.7470	15.5530	
0.8641	0.8537	0.8465	0.8681	0.8599	0.8676	

Site	Date	Prams Total	Hours Flared	Hours Produced	Actual Gas in pipeline	Flare Volumes	Hours vented
NU K03 405	8/27/2022	1661.1	24	0	0	1661.1	0



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District II
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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 140427

DEFINITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 140427
	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 140427

QUESTIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 140427
	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	[30-045-35841] NAGEEZI 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 within 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	46
Nitrogen (N2) percentage, if greater than one percent	33
Hydrogen Sulfide (H2S) PPM, rounded up	33
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 140427

QUESTIONS (continued)

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 140427
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	08/27/2022
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: 1,661 Mcf Recovered: 0 Mcf Lost: 1,661 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 140427

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 140427
	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 140427

CONDITIONS

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	Action Number: 140427
	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.	9/2/2022