



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

Analysis No: PD20221536  
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: 117 PSIG  
Flow Temp: DEG. F  
Ambient Temp: 89 DEG. F  
Flow Rate: MCF/D  
Sample Method: Purge & Fill  
Sample Date: 09/06/2022  
Sample Time: 1.44 PM  
Sampled By: ERIK  
Sampled by (CO): ABC

Heat Trace: N  
Remarks:

### Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	66.0914	56.0230	7.2800	0.00	0.6392
CO2	0.1994	0.1690	0.0340	0.00	0.0030
Methane	22.4429	19.0240	3.8090	226.67	0.1243
Ethane	3.9308	3.3320	1.0520	69.56	0.0408
Propane	4.2547	3.6065	1.1740	107.05	0.0648
Iso-Butane	0.5198	0.4406	0.1700	16.90	0.0104
N-Butane	1.4526	1.2313	0.4580	47.39	0.0292
I-Pentane	0.3347	0.2837	0.1230	13.39	0.0083
N-Pentane	0.3363	0.2851	0.1220	13.48	0.0084
Hexane Plus	0.4374	0.3708	0.1950	23.06	0.0145
Total	100.0000	84.7660	14.4170	517.51	0.9429

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

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

COMPRESSIBILITY FACTOR (1/Z): 1.0014  
BTU/CU.FT IDEAL: 518.7  
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 519.4  
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 510.4  
DRY BTU @ 15.025: 529.8  
REAL SPECIFIC GRAVITY: 0.9439

CYLINDER #: 1397  
CYLINDER PRESSURE: 117 PSIG  
ANALYSIS DATE: 09/06/2022  
ANALYSIS TIME: 01:50:30 PM  
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: 09/06/2022

GC Method: C6+ Gas



DJR Portable

WELL ANALYSIS COMPARISON

Lease: K03-405H

METER RUN

09/06/2022

Stn. No.:

21250-10145

Mtr. No.:

<b>Smpl Date:</b>	09/06/2022	09/01/2022	08/29/2022	08/25/2022	08/23/2022	08/18/2022	08/15/2022
<b>Test Date:</b>	09/06/2022	09/01/2022	08/29/2022	08/25/2022	08/23/2022	08/18/2022	08/15/2022
<b>Run No:</b>	PD20221536	PD20221493	PD20221463	PD20221430	PD20221396	PD20221374	PD20221351
<b>Nitrogen:</b>	66.0914	69.3128	66.8466	33.4570	24.4654	38.6445	47.8073
<b>CO2:</b>	0.1994	0.1882	0.2064	0.2557	0.2481	0.2483	0.2420
<b>Methane:</b>	22.4429	20.2225	21.2083	45.7073	45.0363	41.8267	35.8721
<b>Ethane:</b>	3.9308	3.6237	3.9982	8.1904	10.3104	7.7509	6.4127
<b>Propane:</b>	4.2547	3.8985	4.4837	7.5542	11.6246	7.2093	5.9064
<b>I-Butane:</b>	0.5198	0.5200	0.6312	0.9482	1.6676	0.8695	0.7337
<b>N-Butane:</b>	1.4526	1.4654	1.7805	2.6183	4.7320	2.3729	2.0148
<b>I-Pentane:</b>	0.3347	0.3451	0.3939	0.5751	0.9485	0.4862	0.4560
<b>N-Pentane:</b>	0.3363	0.3335	0.3666	0.5587	0.8305	0.4608	0.4462
<b>Hexane+:</b>	0.4374	0.0903	0.0846	0.1351	0.1366	0.1309	0.1088
<b>BTU:</b>	519.4	464.7	513.2	970.4	1224.8	895.8	759.2
<b>GPM:</b>	14.4170	14.0610	14.3890	17.3970	19.1540	16.9180	16.0060
<b>SPG:</b>	0.9439	0.9427	0.9480	0.8871	0.9548	0.8943	0.9040
	08/11/2022	08/08/2022	08/04/2022	08/01/2022	07/28/2022	07/25/2022	07/21/2022
	08/11/2022	08/08/2022	08/04/2022	08/01/2022	07/28/2022	07/25/2022	07/21/2022
	PD20221333	PD20221309	PD20221283	PD20221225	PD20221173	PD20221122	PD20221073
	67.6802	69.3635	26.8915	36.2851	40.6221	41.5465	44.7640
	0.1861	0.1911	0.2811	0.2640	0.2888	0.2617	0.2522
	21.9528	20.0811	52.3342	45.0679	41.6214	40.5993	37.4518
	3.7572	3.6138	8.7606	7.7324	6.9908	7.0845	6.6776
	3.7497	3.8853	7.2729	6.6490	6.1816	6.3936	6.4174
	0.5099	0.5486	0.8702	0.7971	0.7499	0.7892	0.8287
	1.4299	1.5428	2.4427	2.1595	2.0721	2.0380	2.3087
	0.3340	0.3538	0.5323	0.4689	0.4585	0.4189	0.4478
	0.3204	0.3389	0.4964	0.4515	0.4543	0.4054	0.4191
	0.0798	0.0811	0.1181	0.1246	0.5605	0.4629	0.4327
	477.9	466.4	1027.5	903.5	861.8	849.9	821.5
	14.1420	14.0730	17.7560	16.9480	16.6640	16.5990	16.4110
	0.9337	0.9444	0.8542	0.8743	0.8942	0.8960	0.9119



DJR Portable  
WELL ANALYSIS COMPARISON

Lease: K03-405H  
Stn. No.:  
Mtr. No.:

METER RUN

09/06/2022  
21250-10145

07/18/2022	07/14/2022	07/11/2022	07/07/2022	07/04/2022	06/30/2022	06/27/2022
07/18/2022	07/14/2022	07/11/2022	07/07/2022	07/04/2022	06/30/2022	06/27/2022
PD20221019	PD20220970	PD20220924	PD20220883	PD20220842	PD20220794	PD20220750
57.9786	60.6261	63.3639	67.6444	69.0391	74.3482	79.1368
0.2392	0.2290	0.2219	0.2031	0.1624	0.1634	0.1447
28.3884	26.5322	24.5953	22.5497	20.3694	16.6159	13.2290
4.9909	4.6755	4.3542	3.9630	3.5259	2.9963	2.4192
4.8939	4.6197	4.3306	4.0413	3.9670	3.2494	2.7970
0.6003	0.5827	0.5512	0.5200	0.4857	0.4381	0.3868
1.6467	1.5853	1.4896	0.0000	1.3169	1.2143	1.0655
0.3753	0.3531	0.3372	0.3298	0.3141	0.2967	0.2521
0.3815	0.3501	0.3386	0.3309	0.3193	0.2993	0.2506
0.5052	0.4463	0.4175	0.4178	0.5002	0.3784	0.3183
630.9	591.6	552.1	466.6	480.2	401.6	332.1
15.1540	14.8940	14.6370	14.0820	14.1550	13.6450	13.1870
0.9298	0.9326	0.9362	0.9264	0.9494	0.9554	0.9613
06/23/2022	06/21/2022	03/24/2022	03/21/2022	03/17/2022	03/14/2022	03/11/2022
06/23/2022	06/21/2022	03/24/2022	03/21/2022	03/17/2022	03/14/2022	03/11/2022
PD20220711	PD20220677	PD20220084	PD20220081	PD20220079	PD20220078	PD20220075
93.0808	94.6899	24.2540	30.1091	26.1821	28.6448	32.1725
0.1506	0.1368	0.3265	0.2981	0.3143	0.3008	0.3031
0.0000	0.0000	54.0990	50.1801	53.2743	52.2929	49.0509
2.1630	1.6603	8.9479	7.9528	8.5974	8.1499	7.7904
2.5036	1.9544	7.2793	7.0586	7.3622	6.8458	6.5104
0.3495	0.2779	0.9244	0.8113	0.7989	0.7326	0.7066
0.9609	0.7518	2.6714	2.2285	2.0980	1.8971	1.8724
0.2413	0.1813	0.5782	0.4739	0.4052	0.3711	0.3696
0.2491	0.1831	0.5693	0.4735	0.3950	0.3622	0.3616
0.3012	0.1645	0.3500	0.4141	0.5726	0.4028	0.8625
180.0	135.8	1075.4	989.1	1037.6	986.0	960.8
12.2690	11.9600	18.0650	17.4840	17.8120	17.4620	17.3020
1.0119	1.0003	0.8577	0.8641	0.8537	0.8465	0.8681



DJR Portable  
WELL ANALYSIS COMPARISON

Lease: K03-405H

METER RUN

09/06/2022

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Mtr. No.:

03/10/2022	03/09/2022
03/10/2022	03/09/2022
PD20220065	PD20220063
36.4995	48.2286
0.2934	0.1848
46.4119	38.8674
7.2609	5.6992
6.1376	4.7448
0.6750	0.4940
1.7733	1.2183
0.3531	0.1742
0.3473	0.1324
0.2480	0.2563
876.7	697.2
16.7470	15.5530
0.8599	0.8676

Site	Date	Prams Total	Hours Flared	Hours Produced	Actual Gas in pipeline	Flare Volumes	Hours vented
NU K03 405H	9/10/2022	<b>836.9834467</b>	24	0	0	<b>836.9834467</b>	0



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**District II**  
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Phone:(575) 748-1283 Fax:(575) 748-9720  
**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 144136

DEFINITIONS

Operator:  DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID:  371838
	Action Number:  144136
	Action Type:  [C-129] Venting and/or Flaring (C-129)

DEFINITIONS

<p>For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application:</p> <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 144136

**QUESTIONS**

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 144136
	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 <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

**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	22
Nitrogen (N2) percentage, if greater than one percent	66
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 144136

QUESTIONS (continued)

Operator:  DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID:  371838
	Action Number:  144136
	Action Type:  [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	09/10/2022
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: 837 Mcf   Recovered: 0 Mcf   Lost: 837 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 144136

**ACKNOWLEDGMENTS**

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 144136
	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 144136

CONDITIONS

Operator:  DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID:  371838
	Action Number:  144136
	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.	9/16/2022