



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

Analysis No: PD20221168
Cust No: 21250-10160

Well/Lease Information

Customer Name: DJR Portable	Source: METER RUN
Well Name: A09-507H	Well Flowing: Y
County/State:	Pressure: 57 PSIG
Location:	Flow Temp: DEG. F
Lease/PA/CA:	Ambient Temp: 82 DEG. F
Formation:	Flow Rate: MCF/D
Cust. Stn. No.:	Sample Method: Purge & Fill
	Sample Date: 07/28/2022
	Sample Time: 11.49 PM
	Sampled By: SEAN
	Sampled by (CO): ABC

Heat Trace: N

Remarks:

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	32.9514	30.1310	3.6360	0.00	0.3187
CO2	0.3161	0.2890	0.0540	0.00	0.0048
Methane	44.5372	40.7250	7.5730	449.83	0.2467
Ethane	8.3376	7.6240	2.2360	147.55	0.0866
Propane	7.7293	7.0677	2.1360	194.48	0.1177
Iso-Butane	1.0470	0.9574	0.3440	34.05	0.0210
N-Butane	2.9657	2.7119	0.9380	96.75	0.0595
I-Pentane	0.6792	0.6211	0.2490	27.17	0.0169
N-Pentane	0.6779	0.6199	0.2460	27.17	0.0169
Hexane Plus	0.7586	0.6937	0.3390	39.99	0.0251
Total	100.0000	91.4407	17.7510	1016.99	0.9139

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	1.0032	CYLINDER #:	180
BTU/CU.FT IDEAL:	1019.3	CYLINDER PRESSURE:	57 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1022.6	ANALYSIS DATE:	07/28/2022
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1004.8	ANALYSIS TIME:	12:49:02 AM
DRY BTU @ 15.025:	1043.1	ANALYSIS RUN BY:	SEAN CASAUS
REAL SPECIFIC GRAVITY:	0.9164		

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: 07/28/2022

GC Method: C6+ Gas



DJR Portable
WELL ANALYSIS COMPARISON

Lease: A09-507H
 Stn. No.:
 Mtr. No.:
 METER RUN
 07/28/2022
 21250-10160

	07/28/2022	07/25/2022	07/21/2022	07/18/2022	07/14/2022	07/11/2022	07/07/2022
Smpl Date:	07/28/2022	07/25/2022	07/21/2022	07/18/2022	07/14/2022	07/11/2022	07/07/2022
Test Date:	07/28/2022	07/25/2022	07/21/2022	07/18/2022	07/14/2022	07/11/2022	07/07/2022
Run No:	PD20221168	PD20221116	PD20221066	PD20221014	PD20220965	PD20220919	PD20220878
Nitrogen:	32.9514	39.7482	44.7444	43.5423	59.2077	64.5314	70.9260
CO2:	0.3161	0.2940	0.2840	0.2857	0.2399	0.2269	0.2130
Methane:	44.5372	40.3889	36.6512	37.7657	25.8859	22.6764	19.3508
Ethane:	8.3376	7.6442	7.0587	7.0927	5.5053	4.6083	3.9044
Propane:	7.7293	7.0279	6.8134	6.6741	5.4923	4.6436	4.0482
I-Butane:	1.0470	0.8689	0.8081	0.7692	0.6391	0.5674	0.5034
N-Butane:	2.9657	2.4509	2.2537	2.1359	1.7871	1.5624	0.0000
I-Pentane:	0.6792	0.4846	0.4431	0.5115	0.3823	0.3522	0.3154
N-Pentane:	0.6779	0.4806	0.4425	0.5260	0.3782	0.3601	0.3216
Hexane+:	0.7586	0.6118	0.5009	0.6969	0.4822	0.4713	0.4172
BTU:	1022.6	903.6	832.1	851.9	634.6	552.3	431.7
GPM:	17.7510	16.9750	16.5060	16.6270	15.2130	14.6600	13.8730
SPG:	0.9164	0.9119	0.9190	0.9191	0.9453	0.9489	0.9390
	07/04/2022	06/30/2022	06/27/2022	06/23/2022	06/21/2022	04/07/2022	04/04/2022
	07/04/2022	06/30/2022	06/27/2022	06/23/2022	06/21/2022	04/07/2022	04/04/2022
	PD20220837	PD20220789	PD20220748	PD20220707	PD20220676	PD20220121	PD20220108
	73.3870	77.4762	80.9572	93.6218	94.7648	26.5035	28.0626
	0.1735	0.1706	0.1593	0.1496	0.1259	0.3414	0.3239
	16.9052	14.3148	12.3190	0.0000	0.0001	50.5656	48.6385
	3.2683	2.7761	2.2579	1.9909	1.4897	9.1691	8.9640
	3.6644	2.9951	2.5096	2.3293	1.8841	8.1250	8.3592
	0.4339	0.3980	0.3301	0.3205	0.2748	0.9326	0.9584
	1.1906	1.1098	0.8954	0.8903	0.7742	2.6191	2.7699
	0.2699	0.2542	0.2012	0.2202	0.2100	0.5718	0.6529
	0.2752	0.2559	0.2025	0.2282	0.2184	0.5899	0.6802
	0.4320	0.2493	0.1678	0.2492	0.2580	0.5820	0.5904
	419.8	353.0	293.4	164.9	139.1	1076.4	1072.3
	13.7740	13.3340	12.9370	12.1660	11.9730	18.1050	18.0800
	0.9569	0.9574	0.9559	1.0078	1.0031	0.8825	0.8963



DJR Portable
WELL ANALYSIS COMPARISON

Lease: A09-507H
Stn. No.:
Mtr. No.:

METER RUN

07/28/2022
21250-10160

04/01/2022	03/28/2022	03/24/2022
04/01/2022	03/28/2022	03/24/2022
PD20220098	PD20220092	PD20220086
30.3518	26.1287	34.3973
0.3228	0.3303	0.3217
47.8435	52.2632	46.7210
8.3425	8.6715	7.8660
7.8372	7.3773	7.0039
0.8483	0.8571	0.7785
2.4192	2.2316	1.9055
0.5939	0.4954	0.3896
0.6416	0.5281	0.3656
0.7992	1.1168	0.2509
1031.7	1073.5	922.8
17.7930	18.0530	17.0750
0.8946	0.8766	0.8676

Site	Date	Prams Total	Hours Flared	Hours Produced	Actual Gas in pipeline	Flare Volumes	Hours vented
NU A09 507	7/31/2022	851.6	24	0	0	851.6	0



Nageezi Unit 507H

District I
 1625 N. French Dr., Hobbs, NM 88240
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District II
 811 S. First St., Artesia, NM 88210
 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 130623

DEFINITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 130623
	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 130623

QUESTIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 130623
	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	[30-045-35855] NAGEEZI UNIT #507H
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 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	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	45
Nitrogen (N2) percentage, if greater than one percent	33
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 130623

QUESTIONS (continued)

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 130623
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	08/01/2022
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: 852 Mcf Recovered: 0 Mcf Lost: 852 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 130623

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 130623
	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 complete 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 130623

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 130623
	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.	8/2/2022