

**Gas Composition and Properties**

Effective June 1, 2021 00:00 - January 18, 2038 21:14

Source #: ART82086

Name: Bellagio BBY Fed #2 Flare

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide, CO2	0.9040		2.2893
Nitrogen, N2	0.3779		0.6092
Methane, C1	93.8600		86.6444
Ethane, C2	3.2924	0.8803	5.6966
Propane, C3	0.8502	0.2342	2.1573
iso-Butane, iC4	0.1324	0.0433	0.4428
n-Butane, nC4	0.1573	0.0496	0.5261
iso-Pentane, iC5	0.0666	0.0243	0.2765
n-Pentane, nC5	0.0397	0.0144	0.1648
Neo-Pentane, NeoC5			
Hexanes, C6	0.0685	0.0282	0.3397
Heptanes, C7	0.0502	0.0232	0.2894
Octanes, C8	0.0370	0.0189	0.2432
Nonanes Plus, C9+	0.0238	0.0134	0.1756
Water, H2O	0.1400		0.1451
Hydrogen Sulfide, H2S			
Oxygen, O2			
Carbon Monoxide, CO			
Hydrogen, H2			
Helium, He			
Argon, Ar			

Property	Total Sample	C9 Plus Fraction
Pressure Base	14.730	
Temperature Base	60.00	
HCDP @ Sample Pressure		
Cricondentherm		
HV, Dry @ Base P, T	1044.10	
HV, Sat @ Base P, T	1025.93	
HV, Sat @ Sample P, T		
Relative Density	0.5970	

C9+: 100

Totals	100.0000	1.3280	100.0000
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**Sample**

Date:	Pressure:	
Type:	Temperature:	
Tech:	H2O:	lbs/mm
	H2S:	ppm

Remarks:

**Analysis**

Date:	Instrument:
	Cylinder:

Tech:

Remarks:

\*\*\* End of Report \*\*\*

**GAS VOLUME STATEMENT**

EOG Resources, Inc.

June, 2021

Meter #: ART82086

Name: Bellagio BBY Fed #2 Flare

**Pressure Base:** 14.730 psia **Meter Status:** Active  
**Temperature Base:** 60.00 °F **Contract Hr.:** Midnight  
**Atmos Pressure:** 12.900 psi **Full Wellstream:**  
**Calc Method:** AGA3-1992 **WV Technique:**  
**Z Method:** AGA-8 Gross 2 (1992) **WV Method:**  
**Tube I.D.:** 3.0680 in. **HV Cond:**  
**Tap Location:** Upstream **Meter Type:** EFM  
**Tap Type:** Flange **Interval:** 1 Hour

CO2	N2	C1	C2	C3	I-C4	N-C4	I-C5
0.904	0.378	93.860	3.292	0.850	0.132	0.157	0.067
N-C5	NeoC5	C6	C7	C8	C9	C10	
0.040		0.069	0.050	0.037	0.024	0.000	
O2	H2	CO	He	Ar	H2S	H2S ppm	H2O
0.000	0.000	0.000	0.000	0.000	0.0000		0.140

Day	Differential (In. H2O)	Pressure (psia)	Temp. (°F)	Flow Time (hrs)	Relative Density	Plate (inches)	Volume (Mcf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1	0.00	0.00	0.00	0.00	0.5970	1.5000	0.00	1044.10	0.00	Yes
2	0.00	0.00	0.00	0.00	0.5970	1.5000	0.00	1044.10	0.00	Yes
3	0.00	0.00	0.00	0.00	0.5970	1.5000	0.00	1044.10	0.00	Yes
4	0.00	0.00	0.00	0.00	0.5970	1.5000	0.00	1044.10	0.00	Yes
5	0.00	0.00	0.00	0.00	0.5970	1.5000	0.00	1044.10	0.00	Yes
6	0.00	0.00	0.00	0.00	0.5970	1.5000	0.00	1044.10	0.00	Yes
7	0.00	0.00	0.00	0.00	0.5970	1.5000	0.00	1044.10	0.00	Yes
8	0.00	0.00	0.00	0.00	0.5970	1.5000	0.00	1044.10	0.00	Yes
9	0.00	0.00	0.00	0.00	0.5970	1.5000	0.00	1044.10	0.00	Yes
10	0.00	0.00	0.00	0.00	0.5970	1.5000	0.00	1044.10	0.00	Yes
11	0.00	0.00	0.00	0.00	0.5970	1.5000	0.00	1044.10	0.00	Yes
12	0.00	0.00	0.00	0.00	0.5970	1.5000	0.00	1044.10	0.00	Yes
13	0.00	0.00	0.00	0.00	0.5970	1.5000	0.00	1044.10	0.00	Yes
14	215.16	70.84	23.44	9.47	0.5970	1.5000	694.28	1044.10	724.90	Yes
15	185.27	59.03	30.54	9.23	0.5970	1.5000	584.49	1044.10	610.27	Yes
16	0.00	4.30	26.23	0.00	0.5970	1.5000	0.00	1044.10	0.00	Yes
17	0.00	0.00	0.00	0.00	0.5970	1.5000	0.00	1044.10	0.00	Yes
18	0.00	0.00	0.00	0.00	0.5970	1.5000	0.00	1044.10	0.00	Yes
19	0.00	0.00	0.00	0.00	0.5970	1.5000	0.00	1044.10	0.00	Yes
20	0.00	0.00	0.00	0.00	0.5970	1.5000	0.00	1044.10	0.00	Yes
21	0.00	0.00	0.00	0.00	0.5970	1.5000	0.00	1044.10	0.00	Yes
22	0.00	0.00	0.00	0.00	0.5970	1.5000	0.00	1044.10	0.00	Yes
23	0.00	0.00	0.00	0.00	0.5970	1.5000	0.00	1044.10	0.00	Yes
24	0.00	0.00	0.00	0.00	0.5970	1.5000	0.00	1044.10	0.00	Yes
25	0.00	0.00	0.00	0.00	0.5970	1.5000	0.00	1044.10	0.00	Yes
26	0.00	0.00	0.00	0.00	0.5970	1.5000	0.00	1044.10	0.00	Yes
27	0.00	0.00	0.00	0.00	0.5970	1.5000	0.00	1044.10	0.00	Yes
28	0.00	0.00	0.00	0.00	0.5970	1.5000	0.00	1044.10	0.00	Yes
29	0.00	0.00	0.00	0.00	0.5970	1.5000	0.00	1044.10	0.00	Yes
30	0.00	0.00	0.00	0.00	0.5970	1.5000	0.00	1044.10	0.00	Yes
<b>Total</b>	201.50	65.44	26.69	18.70	0.5970		1,278.77		1,335.16	

**District I**

1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**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**

QUESTIONS

Action 34066

**QUESTIONS**

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377 Action Number: 34066 Action Type: [C-129] Venting and/or Flaring (C-129)
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**QUESTIONS****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 or is this venting or flaring caused by an emergency or malfunction	No
Did or will this venting or flaring last eight hours or more cumulatively within any 24-hour period from a single event	Yes
Is this considered a submission for a notification of a major venting or flaring	Yes, major venting or flaring of natural gas.
<b>The operator shall file a form C-141 instead of a form C-129 for a release that includes liquid during venting or flaring that is or may be a major or minor release under 19.13.29.7 NMAC.</b>	
Was there or will there be at least 50 MCF of natural gas vented or flared during this event	Yes
Did this venting or flaring 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

**Unregistered Facility Site**

Please provide the facility details, if the venting or flaring occurred or is occurring at a facility that does not have an Facility ID (##) yet.

Facility or Site Name	Not answered.
Facility Type	Not answered.

**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	94
Nitrogen (N2) percentage, if greater than one percent	0
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	1
Oxygen (O2) percentage, if greater than one percent	0
<b>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</b>	
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.

**Date(s) and Time(s)**

Date venting or flaring was discovered or commenced	06/14/2021
Time venting or flaring was discovered or commenced	08:00 AM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	06/15/2021
Time venting or flaring was terminated	05:43 PM
Total duration of venting or flaring in hours, if venting or flaring has terminated	19
Longest duration of cumulative hours within any 24-hour period during this event	10

**Measured or Estimated Volume of Vented or Flared Natural Gas**

Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: High Line Pressure   Gas Well   Natural Gas Flared   Spilled: 1,254 Mcf   Recovered: 0 Mcf   Lost: 1,254 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 Mcf values reported)	Yes, according to supplied volumes this appears to be a "gas only" report.

**Venting or Flaring Resulting from Downstream Activity**

Was or is this venting or flaring a result of downstream activity	Not answered.
Date notified of downstream activity requiring this venting or flaring	Not answered.
Time notified of downstream activity requiring this venting or flaring	Not answered.

**Steps and Actions to Prevent Waste**

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For this event, the operator could not have reasonably anticipated the current event and it was beyond the operator's control.	True
Please explain reason for why this event was beyond your operator's control	This well is being Plugged and due to the line pressure the gas was not able to go to pipeline, so the residual gas needed to be flared so the well could be plugged and abandoned in a safe manner.
Steps taken to limit the duration and magnitude of venting or flaring	plug
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	plug

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CONDITIONS

Action 34066

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Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 34066
	Action Type: [C-129] Venting and/or Flaring (C-129)

**CONDITIONS**

Created By	Condition	Condition Date
system	If the information provided in this report requires an amendment, submit a [C-129] Request to Amend Venting and/or Flaring Incident, utilizing your incident number from this event.	6/30/2021