



SPL
737 W Arrington St. Suite C.
Farmington, NM 87401
505-326-6075

Client:	EOG	Analysis Date:	4/18/22 17:24
Sample ID:	Ford Unit 203H HP	Date Sampled:	4/18/2022
Unique #:	ART 90000	Purpose:	Required
Sample Temperature:	85 DEG F	Sample Pressure:	258 PSI
Sampled By:	Levi B.	Type Sample:	Meter Run
		County:	Sandoval

Components	Mole%	BTU	GPM
Nitrogen	33.7819	N/A	N/A
Carbon Dioxide	0.4918	N/A	N/A
Methane	54.8833	554.3213	N/A
Ethane	3.5101	62.1182	0.9363
Propane	4.5448	114.3517	1.2489
iso-Butane	0.6515	21.1861	0.2127
n-Butane	1.3128	42.8275	0.4128
iso-Pentane	0.2760	11.0425	0.1007
n-Pentane	0.2378	9.5327	0.0860
Cyclopentane	0.0014	0.0688	0.0006
n-Hexane	0.0480	2.2828	0.0197
Cyclohexane	0.0248	1.1115	0.0084
Other Hexanes	0.0614	3.1283	0.0265
Heptanes	0.0840	4.6222	0.0387
Methylcyclohexane	0.0212	1.1057	0.0085
2,2,4-Trimethylpentane	0.0067	0.4145	0.0035
Benzene	0.0046	0.1721	0.0013
Toluene	0.0076	0.3401	0.0025
Ethylbenzene	0.0005	0.0261	0.0002
Xylenes	0.0050	0.2578	0.0019
Octanes	0.0217	1.3560	0.0111
Nonanes+	0.0231	1.6505	0.0132
Total:	100.0000	831.9166	3.1334

SAMPLE CHARACTERISTICS

Specific Gravity from Composition	0.8066		
Ideal BTUs @ 14.73 Saturated	819.3292	Real BTUs @ 14.73 Saturated	821.0300
Ideal BTUs @14.73 Dry	833.8413	Real BTUs @14.73 Dry	835.5722
Ideal BTUs @ 14.65 Saturated	814.8793	Real BTUs @ 14.65 Saturated	816.5709
Ideal BTUs @ 14.65 Dry	829.3126	Real BTUs @ 14.65 Dry	831.0342
Compressibility Factor	0.9979		
Hydrogen Sulfide (H ₂ S)	Mol%		

NOTATION: ALL CALCULATIONS PERFORMED USING PHYSICAL CONSTANTS FROM GPA 2145-09, THE TABLES OF PHYSICAL CONSTANTS FOR HYDROCARBONS AND OTHER COMPOUNDS OF INTEREST TO THE NATURAL GAS INDUSTRY.

HOURLY GAS VOLUME STATEMENT

EOG Resources, Inc.

April 21, 2022

Meter #: ART92005

Name: Bullitt Facility Flare

Pressure Base:	14.730 psia	Meter Status:	Active	CO2	N2	C1	C2	C3	IC4	NC4	IC5
Temperature Base:	60.00 °F	Contract Hr.:	Midnight	0.462	37.407	51.495	3.393	4.494	0.646	1.298	0.273
Atmos Pressure:	11.410 psi	Full Wellstream:		NC5	neo	C6	C7	C8	C9	C10	
Calc Method:	AGA3-1992	WV Technique:		0.235		0.298					
Z Method:	AGA-8 Detail (1992)	WV Method:		Ar	CO	H2	O2	He	H2O	H2S	H2S ppm
Tube I.D.:	3.0680 in	HV Cond:	Dry								
Tap Location:	Upstream	Meter Type:	EFM								
Tap Type:	Flange	Interval:	1 Hour								

Hour	Differential (In. H2O)	Pressure (psia)	Temp. (°F)	Flow Time (hrs)	Relative Density	Plate (inches)	Volume (Mcf)	Heating Value (Btu/scf)	Energy (MMBtu)
1	64.29	16.49	51.05	0.27	0.8193	1.0000	2	795.96	1
2	13.12	13.09	50.98	0.64	0.8193	1.0000	1	795.96	2
3	20.66	13.78	48.55	0.57	0.8193	1.0000	2	795.96	1
4	40.50	15.17	44.38	0.63	0.8193	1.0000	4	795.96	3
5	23.99	14.24	44.52	0.83	0.8193	1.0000	3	795.96	2
6	21.56	13.69	46.45	0.19	0.8193	1.0000	0	795.96	1
7	0.00	11.24	70.37	0.00	0.8193	1.0000	0	795.96	0
8	43.18	15.40	79.28	0.72	0.8193	1.0000	4	795.96	3
9	65.18	17.01	86.60	1.00	0.8193	1.0000	7	795.96	5
10	52.99	16.07	88.88	0.89	0.8193	1.0000	5	795.96	4
11	31.42	14.60	90.78	0.90	0.8193	1.0000	3	795.96	3
12	26.67	14.43	93.89	0.61	0.8193	1.0000	3	795.96	2
13	38.08	15.35	93.97	0.87	0.8193	1.0000	4	795.96	3
14	51.74	15.79	93.60	0.77	0.8193	1.0000	4	795.96	3
15	44.49	15.47	89.60	0.77	0.8193	1.0000	4	795.96	3
16	40.97	15.44	87.66	0.70	0.8193	1.0000	3	795.96	3
17	55.04	16.23	83.61	0.66	0.8193	1.0000	4	795.96	3
18	43.34	15.48	74.92	0.81	0.8193	1.0000	4	795.96	3
19	1.30	11.93	67.52	0.12	0.8193	1.0000	0	795.96	0
20	71.05	16.14	61.42	0.12	0.8193	1.0000	1	795.96	1
21	23.54	15.33	61.52	0.76	0.8193	1.0000	3	795.96	3
22	18.11	14.74	59.71	0.83	0.8193	1.0000	3	795.96	2
23	31.53	15.66	54.51	0.90	0.8193	1.0000	4	795.96	3
0	44.40	15.91	50.36	0.83	0.8193	1.0000	4	795.96	3
Total	41.57	15.47	73.95	15.40	0.8193		72		57

HOURLY GAS VOLUME STATEMENT

EOG Resources, Inc.

April 21, 2022

Meter #: ART92006

Name: Bullitt LP Flare

Pressure Base:	14.730 psia	Meter Status:	Active	CO2	N2	C1	C2	C3	IC4	NC4	IC5
Temperature Base:	60.00 °F	Contract Hr.:	Midnight	0.271	54.887	16.782	3.257	11.045	2.473	6.048	1.685
Atmos Pressure:	13.200 psi	Full Wellstream:		NC5	neo	C6	C7	C8	C9	C10	
Calc Method:	AGA7	WV Technique:		1.506		2.045					
Z Method:	AGA-8 Detail (1992)	WV Method:									
Meter Size:	3.0680 in	HV Cond:	Dry	Ar	CO	H2	O2	He	H2O	H2S	H2S ppm
Press. Comp.:		Meter Type:	EFM								
Temp. Comp.:		Interval:	1 Hour								

Hour	Pulses (Counts)	Pressure (psia)	Temp. (°F)	Raw Volume (Mcf)	Relative Density	K-Factor (pulses/ Mcf)	Volume (Mcf)	Heating Value (Btu/scf)	Energy (MMBtu)
1	2	11.41	50.54	2	1.1462	1,000.0000	2	1004.20	2
2	2	11.41	49.11	2	1.1462	1,000.0000	2	1004.20	2
3	2	11.41	46.59	2	1.1462	1,000.0000	2	1004.20	2
4	4	11.41	43.84	4	1.1462	1,000.0000	4	1004.20	4
5	3	11.41	42.28	3	1.1462	1,000.0000	2	1004.20	3
6	1	11.41	51.61	1	1.1462	1,000.0000	2	1004.20	1
7	0	11.41	69.52	0	1.1462	1,000.0000	0	1004.20	0
8	3	11.41	77.00	3	1.1462	1,000.0000	3	1004.20	3
9	5	11.41	82.71	5	1.1462	1,000.0000	5	1004.20	5
10	4	11.41	89.97	4	1.1462	1,000.0000	4	1004.20	4
11	3	11.41	95.27	3	1.1462	1,000.0000	2	1004.20	2
12	2	11.41	99.11	2	1.1462	1,000.0000	2	1004.20	2
13	3	11.41	97.74	3	1.1462	1,000.0000	3	1004.20	4
14	3	11.41	96.52	3	1.1462	1,000.0000	3	1004.20	2
15	2	11.41	92.89	2	1.1462	1,000.0000	3	1004.20	3
16	2	11.41	86.59	2	1.1462	1,000.0000	2	1004.20	2
17	2	11.41	80.35	2	1.1462	1,000.0000	2	1004.20	2
18	2	11.41	75.27	2	1.1462	1,000.0000	2	1004.20	2
19	0	11.41	67.87	0	1.1462	1,000.0000	0	1004.20	0
20	1	11.41	61.18	1	1.1462	1,000.0000	1	1004.20	1
21	3	11.41	59.15	3	1.1462	1,000.0000	3	1004.20	3
22	2	11.41	57.35	2	1.1462	1,000.0000	1	1004.20	2
23	2	11.41	51.88	2	1.1462	1,000.0000	3	1004.20	2
0	2	11.41	46.40	2	1.1462	1,000.0000	2	1004.20	2
Total	55	11.41	71.72	55	1.1462		55		55

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

DEFINITIONS

Action 101042

DEFINITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 101042
	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 101042

QUESTIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 101042
	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	[30-043-21354] FORD UNIT #203H
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, minor 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 withing 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

Equipment Involved	
Primary Equipment Involved	Not answered.
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	55
Nitrogen (N2) percentage, if greater than one percent	34
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 101042

QUESTIONS (continued)

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 101042
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/21/2022
Time vent or flare was discovered or commenced	12:01 AM
Time vent or flare was terminated	11:59 PM
Cumulative hours during this event	15

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Exploritory Well Well Natural Gas Flared Released: 127 Mcf Recovered: 0 Mcf Lost: 127 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	This well is a wildcat well with the nearest pipeline system over 10 miles away. EOG is working with Harvest Midstream to secure adequate pipeline takeaway.
Steps taken to limit the duration and magnitude of vent or flare	EOG is working with Harvest Midstream on securing adequate pipeline takeaway. EOG is also exploring alternative flared gas to mitigate the need for long term flaring while pipeline is being secured.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	EOG continues to work diligently with Harvest Midstream to secure permanent gas takeaway.

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ACKNOWLEDGMENTS

Action 101042

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	Action Number: 101042
	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 101042

CONDITIONS

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	Action Number: 101042
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
Igranillo	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.	4/22/2022