Gas Composition and Properties

EOG Resources, Inc.

Effective May 1, 2021 00:00 - January 18, 2038 00:00

Source #: ART80051
Name: Hoffman PL

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide (CO2)	1.1659		2.3889
Nitrogen (N2)	1.4002		1.8262
Methane (C1)	74.0333		55.2945
Ethane (C2)	13.1793	3.5370	18.4499
Propane (C3)	5.3606	1.4820	11.0049
Isobutane (IC4)	0.5111	0.1680	1.3829
n-Butane (NC4)	1.1098	0.3510	3.0032
Isopentane (IC5)	0.2474	0.0910	0.8311
n-Pentane (NC5)	0.1904	0.0690	0.6396
Hexanes Plus (C6+)	0.3021	0.1320	1.2121
Argon (Ar)			
Carbon Monoxide (CO)			
Hydrogen (H2)	0.0000		0.0000
Oxygen (O2)	0.0000		0.0000
Helium (He)	0.0000		0.0000
Water (H2O)	0.0000		0.0000
Hydrogen Sulfide (H2S)	2.5000		3.9667
Totals	100.0001	5.8300	100.0000

Property	Total Sample
Pressure Base	14.73
Temperature Base	60
HCDP @ Sample Pressure	
Cricondentherm	
HV, Dry @ Base P, T	1225.00
HV, Sat @ Base P, T	1204.00
HV, Sat @ Sample P, T	
Relative Density	0.7448

C6+: 100

Sample

Date: 04/28/2021 Type: Spot
Tech: Matthew Hernandez
Pressure: 68.0 psi Temp.: °F
Gauge: H2O:
Atm. Pressure: H2S:

Remarks:

Analysis

Date: 04/30/2021 Instrument:
Cylinder: 5030-01045
Tech: ADH

Remarks: "C6+ Composition Group Properties (assumed):
C6 - 60.00%, C7 - 30.00%, C8 - 10.0

*** End of Report ***

BLM HOURLY GAS VOLUME STATEMENT

EOG Resources, Inc.

November 4, 2021

Meter #: ART82103
Name: Hoffman PL #3 Flare

Meter Status:		**Calc Method:**	AGA3-1992	**Tap Type:**	Flange
Contract Hr.:	Midnight	**Z Method:**	AGA-8 Detail (1992)	**Tap Location:**	Upstream
Pressure Base:	14.730 psia	**WV Method:**		**Tube I.D.:**	3.0660 in
Temperature Base:	60.00 °F	**WV Technique:**		**Meter Type:**	EFM
Atmos Pressure:	13.200 psi	**HV Condition:**		**Interval:**	1 Hour
Full Wellstream:					

CO2	N2	C1	C2	C3	IC4	NC4	IC5
1.166	1.400	74.033	13.179	5.361	0.511	1.110	0.247

NC5	neo	C6	C7	C8	C9	C10	
0.190		0.302	0.000	0.000	0.000	0.000	

Ar	CO	H2	O2	He	H2O	H2S	H2S ppm
0.000	0.000	0.000	0.000	0.000	0.000	2.500	

Hour	Differential (In. H2O)	Pressure (psia)	Temp. (°F)	Flow Time (hrs)	Relative Density	Plate (inches)	Volume (Mcf)	Heat Value (Btu/scf)	Energy (MMBtu)	Ext
0	0.000	0.000	0.000	0.00000		1.5000	0.00000			0.00000
1	0.000	0.000	0.000	0.00000		1.5000	0.00000			0.00000
2	0.000	0.000	0.000	0.00000		1.5000	0.00000			0.00000
3	0.000	0.000	0.000	0.00000		1.5000	0.00000			0.00000
4	0.000	0.000	0.000	0.00000		1.5000	0.00000			0.00000
5	0.000	0.000	0.000	0.00000		1.5000	0.00000			0.00000
6	0.000	0.000	0.000	0.00000		1.5000	0.00000			0.00000
7	0.000	0.000	0.000	0.00000		1.5000	0.00000			0.00000
8	0.000	0.000	0.000	0.00000		1.5000	0.00000			0.00000
9	0.000	0.000	0.000	0.00000		1.5000	0.00000			0.00000
10	0.000	0.000	0.000	0.00000		1.5000	0.00000			0.00000
11	0.000	0.000	0.000	0.00000		1.5000	0.00000			0.00000
12	0.000	13.218	50.129	0.00000		1.5000				0.00000
13	92.052	82.340	50.832	1.00000	0.7448	1.5000	47.82306	1225.00	58.58	3.84727
14	77.569	68.003	58.653	1.00000	0.7448	1.5000	39.43792	1225.00	48.31	3.17649
15	16.243	33.736	83.552	1.00000	0.7448	1.5000	12.48297	1225.00	15.29	1.00057
16	13.194	35.115	78.875	1.00000	0.7448	1.5000	11.58858	1225.00	14.20	0.92729
17	11.366	32.051	73.751	0.19528	0.7448	1.5000	2.01655	1225.00	2.47	0.16131
18	0.000	13.194	58.254	0.00000	0.7448	1.5000	0.00000	1225.00	0.00	0.00000
19	0.000	13.206	52.887	0.00000	0.7448	1.5000	0.00000	1225.00	0.00	0.00000
20	0.000	13.218	50.129	0.00000	0.7448	1.5000	0.00000	1225.00	0.00	0.00000
21	0.000	13.213	48.235	0.00000	0.7448	1.5000	0.00000	1225.00	0.00	0.00000
22	0.000	13.213	46.445	0.00000	0.7448	1.5000	0.00000	1225.00	0.00	0.00000
23	0.000	13.208	45.162	0.00000	0.7448	1.5000	0.00000	1225.00	0.00	0.00000
Total	69.166	66.276	60.431	4.19528	0.7448		113.34908		138.85	

BLM HOURLY GAS VOLUME STATEMENT

EOG Resources, Inc.

November 5, 2021

Meter #: ART82103
Name: Hoffman PL #3 Flare

Meter Status:		**Calc Method:**	AGA3-1992	**Tap Type:**	Flange
Contract Hr.:	Midnight	**Z Method:**	AGA-8 Detail (1992)	**Tap Location:**	Upstream
Pressure Base:	14.730 psia	**WV Method:**		**Tube I.D.:**	3.0660 in
Temperature Base:	60.00 °F	**WV Technique:**		**Meter Type:**	EFM
Atmos Pressure:	13.200 psi	**HV Condition:**		**Interval:**	1 Hour
Full Wellstream:					

CO2	N2	C1	C2	C3	IC4	NC4	IC5
1.166	1.400	74.033	13.179	5.361	0.511	1.110	0.247
NC5	**neo**	**C6**	**C7**	**C8**	**C9**	**C10**	
0.190		0.302	0.000	0.000	0.000	0.000	
Ar	**CO**	**H2**	**O2**	**He**	**H2O**	**H2S**	**H2S ppm**
0.000	0.000	0.000	0.000	0.000	0.000	2.500	

Hour	Differential (In. H2O)	Pressure (psia)	Temp. (°F)	Flow Time (hrs)	Relative Density	Plate (inches)	Volume (Mcf)	Heat Value (Btu/scf)	Energy (MMBtu)	Ext
0	0.000	13.207	43.607	0.00000	0.7448	1.5000	0.00000	1225.00	0.00	0.00000
1	0.000	13.200	42.672	0.00000	0.7448	1.5000	0.00000	1225.00	0.00	0.00000
2	0.000	13.175	41.080	0.00000	0.7448	1.5000	0.00000	1225.00	0.00	0.00000
3	0.000	13.161	38.682	0.00000	0.7448	1.5000	0.00000	1225.00	0.00	0.00000
4	0.000	13.157	36.647	0.00000	0.7448	1.5000	0.00000	1225.00	0.00	0.00000
5	0.000	13.160	34.803	0.00000	0.7448	1.5000	0.00000	1225.00	0.00	0.00000
6	0.780	19.158	33.121	0.01556	0.7448	1.5000	0.03379	1225.00	0.04	0.00268
Total	0.780	19.158	33.121	0.01556	0.7448		0.03379		0.04	

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 61458

QUESTIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 61458
	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	**[30-015-25664] HOFFMAN PL #003**
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 addional guidance.	
Was or is this venting and/or flaring caused by an emergency or malfunction	Yes
Did or will this venting and/or flaring last eight hours or more cumulatively within any 24-hour period from a single event	No
Is this considered a submission for a venting and/or flaring 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 or will there be **at least 50 MCF** of natural gas vented and/or flared during this event	Yes
Did this venting and/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
Was the venting and/or flaring 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	74
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	2
Carbon Dioxide (C02) percentage, if greater than one percent	1
Oxygen (02) 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 Sufide (H2S) PPM quality requirement	*Not answered.*
Carbon Dioxide (C02) percentage quality requirement	*Not answered.*
Oxygen (02) percentage quality requirement	*Not answered.*

Date(s) and Time(s)	
Date venting and/or flaring was discovered or commenced	11/04/2021
Time venting and/or flaring was discovered or commenced	01:00 PM
Time venting and/or flaring was terminated	05:00 PM
Cumulative hours during this event	5

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	*Not answered.*

Natural Gas Flared (Mcf) Details	Cause: Downhole Well Maintenance | Well | Natural Gas Flared | Released: 111 Mcf | Recovered: 0 Mcf | Lost: 111 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 or is this venting and/or flaring a result of downstream activity	*Not answered.*
Was notification of downstream activity received by you or your operator	*Not answered.*
Downstream OGRID that should have notified you or your operator	*Not answered.*
Date notified of downstream activity requiring this venting and/or flaring	*Not answered.*
Time notified of downstream activity requiring this venting and/or flaring	*Not answered.*

Steps and Actions to Prevent Waste	
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	EOG was taking protective well bore measures as a result of off-set stimulation activity by Spur Energy.
Steps taken to limit the duration and magnitude of venting and/or flaring	EOG conducted the well bore protective measures in a safely and timely manner.
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	Completed protective measures in a timely manner.

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CONDITIONS

Action 61458

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 61458
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
mmorales	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.	11/11/2021