



Certificate of Analysis
 Number: 6030-21010209-010A

Artesia Laboratory
 200 E Main St.
 Artesia, NM 88210
 Phone 575-746-3481

Tyler Cox
 EOG Resources
 1201 S. 3rd St
 Jal, NM 88252

Jan. 27, 2021

Station Name: FRUIT LOOP 29 STATE CTB FC TO TARGA	Sampled By: Zane Nikkila
Station Number: 14117351	Sample Of: Gas Spot
Cylinder No: 5030-00401	Sample Date: 01/22/2021 10:32
Instrument: 70104251 (Inficon GC-MicroFusion)	Sample Conditions: 93 psia, @ 97 °F
Last Inst. Cal.: 01/25/2021 0:00 AM	Effective Date: 01/22/2021 10:32
Analyzed: 01/27/2021 10:13:58 by PGS	Method: GPA-2261M

Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.73 psia	
Water	0.0000	0.9641	0.7631		GPM TOTAL C2+ 7.486
Hydrogen Sulfide	0.0000	0.0000	0.0000		GPM TOTAL C3+ 3.632
Nitrogen	1.8711	1.8442	2.2697		GPM TOTAL iC5+ 0.721
Carbon Dioxide	0.1539	0.1517	0.2933		
Methane	71.8543	70.8244	49.9181		
Ethane	14.5572	14.3486	18.9553	3.8538	
Propane	7.2303	7.1267	13.8066	1.9718	
Iso-butane	0.8065	0.7950	2.0301	0.2613	
n-Butane	2.1727	2.1416	5.4687	0.6781	
Iso-pentane	0.4506	0.4442	1.4080	0.1631	
n-Pentane	0.5256	0.5181	1.6423	0.1886	
Hexanes Plus	0.8536	0.8414	3.4448	0.3687	
	100.4758	100.0000	100.0000	7.4854	

Physical Properties	Total	C6+	
Relative Density Real Gas	0.7892	3.2176	
Calculated Molecular Weight	22.76	93.19	
Compressibility Factor	0.9955		
GPA 2172 Calculation:			06/12/20
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F			
Real Gas Dry BTU	1347.75	5141.09	1373.69
Water Sat. Gas Base BTU	1324.86	5051.61	1350.37
Calculated Gross BTU per ft³ @ 14.65 psia & 60°F			
Real Gas Dry BTU	1340.39	5113.17	1366.19
Water Sat. Gas Base BTU	1317.51	5023.69	1342.87

Comments: H2S Field Content 0.1 ppm
 C6+ Composition Group Properties (assumed): C6 - 60.00%, C7 - 30.00%, C8 - 10.00%

Hydrocarbon Laboratory Manager

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.

HOURLY GAS VOLUME STATEMENT

EOG Resources, Inc.

May 25, 2021

Meter #: 14117388

Name: FRUIT LOOP 29 STATE CTB VRU TO FLARE

Pressure Base:	Meter Status:		CO2	N2	C1	C2	C3	I-C4	N-C4	I-C5
Temperature Base:	Contract Hr.:	9 AM	2.000	2.000	72.000	12.000	7.000	1.000	2.000	0.500
Atmos Pressure:	Full Wellstream:		N-C5	NeoC5	C6	C7	C8	C9	C10	
Calc Method:	WV Technique:		0.600		0.900	0.000	0.000	0.000	0.000	
Z Method:	WV Method:									
Tap Location:	HV Cond:	EFM	O2	H2	CO	He	Ar	H2S	H2S ppm	H2O
Tap Type:	Meter Type:	1 Hour	0.000	0.000	0.000	0.000	0.000	0.0000		0.000
	Interval:									

Hour	Differential (In. H2O)	Pressure (psi)	Temp. (°F)	Flow Time (hrs)	Relative Density	Plate (inches)	Volume (Mcf)	Heating Value (I)	Energy (MMBtu)	Edited
0	0.00	122.22	69.31	0.00	0.8000	0.7500	0.000	1300.00	0.000	No
1	0.00	108.84	70.48	0.00	0.8000	0.7500	0.000	1300.00	0.000	No
2	0.00	115.92	68.64	0.00	0.8000	0.7500	0.000	1300.00	0.000	No
3	0.00	113.62	66.20	0.00	0.8000	0.7500	0.000	1300.00	0.000	No
4	0.00	110.95	67.74	0.00	0.8000	0.7500	0.000	1300.00	0.000	No
5	0.00	109.80	67.74	0.00	0.8000	0.7500	0.000	1300.00	0.000	No
6	0.00	116.44	68.88	0.00	0.8000	0.7500	0.000	1300.00	0.000	No
7	27.05	129.64	117.46	0.50	0.8000	0.7500	2.753	1300.00	3.579	No
8	21.26	128.96	109.84	0.49	0.8000	0.7500	2.460	1300.00	3.198	No
9	35.01	129.47	126.04	0.46	0.8000	0.7500	3.054	1300.00	3.971	No
10	51.64	129.96	143.37	0.73	0.8000	0.7500	6.100	1300.00	7.930	No
11	54.75	130.14	134.42	0.48	0.8000	0.7500	3.777	1300.00	4.911	No
12	50.93	129.60	137.96	0.66	0.8000	0.7500	4.881	1300.00	6.345	No
13	45.23	129.02	144.38	0.57	0.8000	0.7500	4.042	1300.00	5.254	No
14	58.07	129.60	146.07	0.74	0.8000	0.7500	6.609	1300.00	8.591	No
15	48.59	129.06	140.93	0.42	0.8000	0.7500	3.189	1300.00	4.145	No
16	50.14	129.41	130.17	0.61	0.8000	0.7500	4.758	1300.00	6.185	No
17	43.91	128.90	135.89	0.60	0.8000	0.7500	4.145	1300.00	5.388	No
18	41.83	128.98	137.01	0.60	0.8000	0.7500	3.961	1300.00	5.149	No
19	60.02	129.84	140.17	0.50	0.8000	0.7500	4.131	1300.00	5.371	No
20	30.49	128.39	133.38	0.69	0.8000	0.7500	3.850	1300.00	5.005	No
21	66.10	130.20	128.74	0.55	0.8000	0.7500	4.980	1300.00	6.474	No
22	43.47	129.12	124.39	0.45	0.8000	0.7500	3.094	1300.00	4.022	No
23	43.73	129.33	125.79	0.50	0.8000	0.7500	3.575	1300.00	4.647	No
Total	47.54	129.44	134.46	9.55	0.8000		69.359		90.166	

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 29872

QUESTIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 29872
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

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 or is this venting or flaring caused by an emergency or malfunction	Yes
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, minor venting or flaring of natural gas.
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.	
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	
<i>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.</i>	
Facility or Site Name	Not answered.
Facility Type	Not answered.

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	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	71
Nitrogen (N2) percentage, if greater than one percent	2
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.

Date(s) and Time(s)	
Date venting or flaring was discovered or commenced	05/25/2021
Time venting or flaring was discovered or commenced	07:00 AM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	05/25/2021
Time venting or flaring was terminated	05:00 PM
Total duration of venting or flaring in hours, if venting or flaring has terminated	10
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	Not answered.
Other Released Details	Cause: High Line Pressure Pipeline (Any) Natural Gas Flared Spilled: 69 Mcf Recovered: 0 Mcf Lost: 69 Mcf]
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	Event was caused by outside source(s) which EOG does not have direct control over
Steps taken to limit the duration and magnitude of venting or flaring	Monitor in real time and verify with 3rd party vendor is responding to downtime event
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	Corrective actions are not in our control and reliant on outside source(s)

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CONDITIONS
 Action 29872

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Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 29872
	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.	5/28/2021