

## Monthly Meter Analysis

May, 2021

Meter #: 90187073

Name: UNDAUNTED SC 1H FLARE

## Sample

Date: 05/05/2021

Type: Spot

Pressure: 85.7 H2O: lbs/mm

Temperature: 75.5 H2S: 1 ppm

Component	Mole %	Ideal Liq. Content @ 14.696	Mass %
Carbon Dioxide, CO2	0.1920		0.3836
Nitrogen, N2	1.1814		1.5023
Methane, C1	74.2561		54.0754
Ethane, C2	12.7721	3.4070	17.4332
Propane, C3	6.6648	1.8314	13.3406
Isobutane, iC4	0.9070	0.2960	2.3930
n-Butane, nC4	2.0860	0.6559	5.5036
Isopentane, iC5	0.4352	0.1588	1.4254
n-Pentane, nC5	0.4665	0.1687	1.5279
Hexanes Plus, C6+	0.5059	0.2075	1.9791
Water, H2O	0.5328		0.4358
Hydrogen Sulfide, H2S	0.0001		0.0002
Oxygen, O2	0.0000		0.0000
Carbon Monoxide, CO			
Hydrogen, H2	0.0000		0.0000
Helium, He	0.0000		0.0000
Argon, Ar			
Totals	99.9999	6.7253	100.0001

Property	Total Sample
Pressure Base	14.730
Temperature Base	0.00
Relative Density	0.7647
HV, Dry @ Base P,T	1318.62
HV, Sat @ Base P, T	1296.21
HV, Sat @ Sample P, T	
Fws Factor	
Cricondentherm	
HCDP @ Sample Pressure	
Free Water GPM	
Stock Tank Condensate Brls/mm	
26 # RVP Gasoline	0.797
Testcar Permian	0.780
Testcar Panhandle	0.725
Testcar Midcon	0.644

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

## HOURLY GAS VOLUME STATEMENT

EOG Resources, Inc.

May 24, 2021

Meter #: 90187073

Name: UNDAUNTED SC 1H FLARE

Pressure Base:	Meter Status:		CO2	N2	C1	C2	C3	I-C4	N-C4	I-C5
Temperature Base:	Contract Hr.:	9 AM	0.243	1.166	73.964	12.791	7.027	0.905	2.072	0.400
Atmos Pressure:	Full Wellstream:		N-C5	NeoC5	C6	C7	C8	C9	C10	
Calc Method:	WV Technique:		0.421		0.488					
Z Method:	WV Method:									
	HV Cond:	Wet	O2	H2	CO	He	Ar	H2S	H2S ppm	H2O
Tap Location:	Meter Type:	EFM	0.000	0.000		0.000		0.0001	1.000	0.521
Tap Type:	Interval:	1 Hour								

Hour	Differential (In. H2O)	Pressure (psi)	Temp. (°F)	Flow Time (hrs)	Relative Density	Plate (inches)	Volume (Mcf)	Heating Value (Btu)	Energy (MMBtu)	Edited
0	1.32	13.13	72.15	0.01	0.7665	1.5000	0.02	1297.95	0.03	Yes
1	0.63	13.09	70.95	0.00	0.7665	1.5000	0.00	1297.95	0.01	Yes
2	0.00	13.06	69.33	0.00	0.7665	1.5000	0.00	1297.95	0.00	Yes
3	0.00	13.06	67.96	0.00	0.7665	1.5000	0.00	1297.95	0.00	Yes
4	1.54	13.14	66.28	0.01	0.7665	1.5000	0.02	1297.95	0.03	Yes
5	2.22	13.18	66.50	0.02	0.7665	1.5000	0.05	1297.95	0.06	Yes
6	2.41	13.19	69.26	0.01	0.7665	1.5000	0.04	1297.95	0.05	Yes
7	3.08	13.24	78.15	0.01	0.7665	1.5000	0.03	1297.95	0.03	Yes
8	2.24	13.20	92.12	0.02	0.7665	1.5000	0.04	1297.95	0.06	Yes
9	1.01	13.14	96.74	0.01	0.7665	1.5000	0.03	1297.95	0.03	Yes
10	1.98	13.18	99.97	0.02	0.7665	1.5000	0.06	1297.95	0.07	Yes
11	1.67	13.16	104.61	0.04	0.7665	1.5000	0.09	1297.95	0.11	Yes
12	3.64	13.25	104.47	0.02	0.7665	1.5000	0.07	1297.95	0.09	Yes
13	99.88	18.05	107.49	0.34	0.7665	1.5000	6.70	1297.95	8.70	Yes
14	155.98	21.44	102.26	1.00	0.7665	1.5000	26.97	1297.95	35.00	Yes
15	208.03	26.63	93.07	1.00	0.7665	1.5000	35.11	1297.95	45.57	Yes
16	121.35	20.88	91.41	0.77	0.7665	1.5000	17.93	1297.95	23.27	Yes
17	16.42	13.81	88.02	0.21	0.7665	1.5000	1.48	1297.95	1.92	Yes
18	2.87	13.18	83.89	0.01	0.7665	1.5000	0.03	1297.95	0.04	Yes
19	0.00	13.05	72.06	0.00	0.7665	1.5000	0.00	1297.95	0.00	Yes
20	0.00	13.04	72.35	0.00	0.7665	1.5000	0.00	1297.95	0.00	Yes
21	0.00	13.06	70.17	0.00	0.7665	1.5000	0.00	1297.95	0.00	Yes
22	0.00	13.06	68.86	0.00	0.7665	1.5000	0.00	1297.95	0.00	Yes
23	0.00	13.06	69.02	0.00	0.7665	1.5000	0.00	1297.95	0.00	Yes
Total	162.20	22.96	96.51	3.50	0.7665		88.66		115.08	

**District I**

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

**District II**

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**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 29778

**QUESTIONS**

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377 Action Number: 29778 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	Yes
Did or will this venting 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 notification of a major venting or flaring	Yes, minor 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 19.13.297 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	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	0
Carbon Dioxide (CO2) percentage, if greater than one percent	0
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	04/24/2021
Time venting or flaring was discovered or commenced	02:00 PM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	04/24/2021
Time venting or flaring was terminated	06:00 PM
Total duration of venting or flaring in hours, if venting or flaring has terminated	4
Longest duration of cumulative hours within any 24-hour period during this event	4

**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: 89 Mcf   Recovered: 0 Mcf   Lost: 89 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	No
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	3rd party lost a plant resulting in higher line pressure
Steps taken to limit the duration and magnitude of venting or flaring	confirmed we are operating flares a MAWP
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	Increased gas takeaway in other areas to make up for 3rd party deficiencies

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CONDITIONS

Action 29778

**CONDITIONS**

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 29778
	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.	5/27/2021