



Certificate of Analysis

Number: 6030-21030306-002A

Artesia Laboratory

200 E Main St.
Artesia, NM 88210
Phone 575-746-3481Alex Batista
Taprock
602 Park Point Drive
Ste. 200
Golden, CO 80401

Mar. 29, 2021

Station Name: Welcome to Golden FC 217H
Station Number: 7060158
Sample Point: Meter Run
Formation: Quarterly
County: Eddy
Type of Sample: Spot-Cylinder
Heat Trace Used: N/A
Sampling Method: Fill and Purge
Sampling Company: SPLSampled By: James Hill
Sample Of: Gas Spot
Sample Date: 03/25/2021 10:51
Sample Conditions: 90.4 psig, @ 111.1 °F Ambient: 41 °F
Effective Date: 03/25/2021 10:51
Method: GPA-2261M
Cylinder No: 5030-01326
Instrument: 6030_GC6 (Inficon GC-3000 Micro)
Last Inst. Cal.: 03/22/2021 0:00 AM
Analyzed: 03/29/2021 13:26:41 by EJR

Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.73 psia		
Hydrogen Sulfide	0.000	0.000	0.000		GPM TOTAL C2+	7.225
Nitrogen	0.769	0.770	0.937		GPM TOTAL C3+	3.975
Methane	74.530	74.590	51.988		GPM TOTAL iC5+	1.252
Carbon Dioxide	0.104	0.104	0.199			
Ethane	12.092	12.102	15.809	3.250		
Propane	6.030	6.035	11.561	1.670		
Iso-butane	0.961	0.962	2.429	0.316		
n-Butane	2.325	2.327	5.876	0.737		
Iso-pentane	0.678	0.679	2.128	0.249		
n-Pentane	0.840	0.841	2.636	0.306		
Hexanes Plus	1.589	1.590	6.437	0.697		
	99.918	100.000	100.000	7.225		

Calculated Physical Properties

Relative Density Real Gas	0.7980	C6+	3.2176
Calculated Molecular Weight	23.02		93.19
Compressibility Factor	0.9955		

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.73 psia & 60°F

Real Gas Dry BTU	1378	5141
Water Sat. Gas Base BTU	1355	5052
Ideal, Gross HV - Dry at 14.73 psia	1372.2	5141.1
Ideal, Gross HV - Wet	1348.2	5051.6
Net BTU Wet Gas - real gas	1232	

Comments: H2S Field Content 0 ppm
Mcf/day 2675.3

Hydrocarbon Laboratory Manager

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

Flaring Summary

(Column Names) » date

Data table:
flare_report_data (2)
Colors:
All values

battery	Sum(TOTAL F...
	5/26/2021
WTG Fed Com Battery	2,202.00
Grand total	2,202.00

battery

Sum(TOTAL FLARE (HP + LP))

5/26/21 - 5/26/21

PRODUCTION REPORT

DATA SUBMISSION

4 / 4

5 / 5

9 / 13

29 / 29

48 / 49

5 / 5

12 / 16

40 / 41

1 / 2

24 / 25

BRIDGEM

UNPAID

LEGACY

OLYMPUS

OLYMPUS LEGACY

OLYMPUS

PAISON

SEINFELD

SOUP SHOP

THREATS

HR

DOWNTIME

BEI

GROSS BOE

0.00

BEI

WATER HAILED

BEI

WATER PRODUCTION

10,940.72

BEI

GAS PRODUCTION

15,767.00

BEI

OIL SALES

30,100.50

BEI

PRODUCTION

53.38

D	Route	Slop	API #	Oil	Alloc Oil	Gas	Water	Alloc Water	BOE	Oil Sales	LACT Vols	Gas Sales	Water Sales	Alloc Oil Sales %	Alloc Oil Sales	Alloc Gas Sales %	Alloc Gas Sales	Alloc Water %	Alloc Water	Free Vol	Inj Vol	CP	Choke	TP	Prod Time	DT	Status	Note
5/26/21	TRIBUTE	WTG Fed Com #201H	3001546440000		316.16	1,632.52		1,632.05	588.25					12.85%	345.69	10.35%	1,633.01	14.83%	1,634.76		1,159.60	933	96	117				
5/26/21	TRIBUTE	WTG Fed Com #202H	3001547020000		381.12	1,822.97		2,097.98	694.95					15.94%	427.64	11.56%	2,103.34	19.09%	2,103.30		500.00	982	64	296				
5/26/21	TRIBUTE	WTG Fed Com #205H	3001646440000		346.91	1,743.71		1,775.85	637.03					14.14%	379.31	11.06%	2,011.89	16.23%	1,798.88		400.00	930	96	143				
5/26/21	TRIBUTE	WTG Fed Com #211H	30015464510000		289.25	2,064.65		1,290.32	630.73					11.79%	310.27	13.22%	2,405.51	11.79%	1,269.79		600.00	955	96	107				
5/26/21	TRIBUTE	WTG Fed Com #212H	3001547030000		319.94	2,863.24		1,592.05	796.25					13.06%	340.84	18.19%	3,303.02	14.46%	1,593.66		1,200.00	867	96	298				
5/26/21	TRIBUTE	WTG Fed Com #215H	30015464670000		289.07	2,153.21		914.96	627.94					10.97%	294.20	13.66%	2,484.38	8.36%	921.67		300.00	895	96	152				
5/26/21	TRIBUTE	WTG Fed Com #217H	3001547030000		521.81	3,466.50		1,666.71	1,099.66					21.27%	570.54	21.99%	3,999.65	15.23%	1,878.84		0.00	802	96	247				
					2,453.38	15,787		10,940.72	5,681.21			18,192.00	11,021.00		2,692.50		18,192.00		11,021.00		4,159.60							

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 31482

QUESTIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 31482
	Action Type: [C-129] Venting and/or Flaring (C-129)

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	No
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 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

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	75
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
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	06:00 AM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	05/25/2021
Time venting or flaring was terminated	06:00 PM
Total duration of venting or flaring in hours, if venting or flaring has terminated	12
Longest duration of cumulative hours within any 24-hour period during this event	6

Measured or Estimated Volume of Vented or Flared Natural Gas

Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Midstream Scheduled Maintenance Other (Specify) Natural Gas Flared Spilled: 484 Mcf Recovered: 0 Mcf Lost: 484 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	Midstream Company performed work on their compressor station
Steps taken to limit the duration and magnitude of venting or flaring	Tap Rock Operating received flare volumes for this facility on 6/9/2021 and have reported this within 24 hrs of discovery. The well has been choked back as of 6/10 and Tap Rock is making strides to get equipment out there for a goal of 100% gas capture.
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	The well has been choked back as of 6/10 and Tap Rock is making strides to get equipment out there for a goal of 100% gas capture.

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CONDITIONS

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Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 31482
	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.	6/10/2021