

Certificate of Analysis

Number: 6030-21040262-001A

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

Apr. 28, 2021

Alex Batista Taprock 602 Park Point Drive Ste. 200 Golden, CO 80401

Station Name: Miso State 168H Station Number: 7060090 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: SPL

Sampled By: Mike West Sample Of: Gas Spot

Sample Date: 04/22/2021

Sample Conditions: 80 psig, @ 94.6 °F Ambient: 79 °F

04/22/2021 Effective Date: Method: GPA-2261M Cylinder No: 5030-01615

Instrument: 70104251 (Inficon GC-MicroFusion)

Last Inst. Cal.: 04/26/2021 0:00 AM

Analyzed: 04/27/2021 07:32:54 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+	6.671
Nitrogen	1.057	1.056	1.338		GPM TOTAL C3+	3.366
Methane	75.559	75.518	54.779		GPM TOTAL iC5+	0.737
Carbon Dioxide	0.207	0.207	0.412			
Ethane	12.319	12.313	16.741	3.305		
Propane	6.078	6.075	12.113	1.680		
Iso-butane	0.876	0.876	2.302	0.288		
n-Butane	2.091	2.090	5.493	0.661		
Iso-pentane	0.509	0.509	1.661	0.187		
n-Pentane	0.581	0.581	1.895	0.211		
Hexanes Plus	0.775	0.775	3.266	0.339		
	100.052	100.000	100.000	6.671		
Calculated Physical Properties		To	otal	C6+		
Relative Density Real G		0.76	664	3.2176		
Calculated Molecular W		22	.12	93.19		
Compressibility Factor		0.99	960			
GPA 2172 Calculation :	:					
Calculated Gross BTU	per ft ³ @ 14.73 ps	sia & 60°F				
Real Gas Dry BTU			322	5141		
Water Sat. Gas Base BTU		13	300	5052		
Ideal, Gross HV - Dry at 14.73 psia		131		5141.1		
Ideal, Gross HV - Wet		129		5051.6		
Net BTU Wet Gas - real gas		11	180			

Comments: H2S Field Content 0 ppm

Mcf/day 451

Report generated by: Eric Ramirez

The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality

assurance, unless otherwise stated.

Quality Assurance:

Flaring Summary

battery	8/17/2021
Miso State #168H	620.30
Grand total	620.30

date

Data table:
flare_report_data (2)
Colors:
All values

batt

Sum(TOTAL FLARE (HP + LP))

<u>District I</u> 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

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 43025

Construction Cons	Q	UESTIONS		
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Representative Compositional Analysis of Vented or Flared Natural Gas Please provide the mole percent for the percentage questions in this group. Methane (CH4) percentage Methane (CH2) percentage, if greater than one percent 1 Hydrogen Sulfide (H2S) PPM, rounded up 0 Carbon Dioxide (C02) percentage, if greater than one percent 0 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 Sulfide (H2S) PPM quality requirement Not answered. Oxygen (02) percentage quality requirement Not answered.	Primary Equipment Involved	Not answered.		
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Time venting and/or flaring was terminated 06:00 PM				
Cumulative hours during this event 10	Time venting and/or flaring was terminated	06:00 PM		
	Cumulative hours during this event	10		

Not answered.

Natural Gas Vented (Mcf) Details

Measured or Estimated Volume of Vented or Flared Natural Gas

Natural Gas Flared (Mcf) Details	Cause: Normal Operations Producing Well Natural Gas Flared Released: 620 Mcf Recovered: 0 Mcf Lost: 620 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.	
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.	False		
Please explain reason for why this event was beyond your operator's control	Not answered.		
Steps taken to limit the duration and magnitude of venting and/or flaring	Tap Rock Operating is currently pending an ACO from the NMOCD. Per an email received by the NMOCD, we may flow this well until a decision is made. Once a final decision has been made, Tap Rock will adjust operations accordingly.		
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	Tap Rock Operating is currently pending an ACO from the NMOCD. Per an email received by the NMOCD, we may flow this well until a decision is made. Once a final decision has been made, Tap Rock will adjust operations accordingly.		

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

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**

CONDITIONS

Action 43025

CONDITIONS

Operator:	OGRID:
TAP ROCK OPERATING, LLC	372043
523 Park Point Drive	Action Number:
Golden, CO 80401	43025
	Action Type:
	[C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
bramsey	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.	8/18/2021