

Gas Composition and Properties



Effective August 1, 2021 09:00 - January 18, 2038 21:14

Source #: 2.10.5

Name: Cypress 34 A CDP

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide, CO2	0.1490		0.3116
Nitrogen, N2	0.8340		1.1103
Methane, C1	78.9650		60.2034
Ethane, C2	11.1890	2.9955	15.9891
Propane, C3	5.0850	1.4024	10.6561
iso-Butane, iC4	0.7480	0.2450	2.0661
n-Butane, nC4	1.6520	0.5214	4.5632
iso-Pentane, iC5	0.3950	0.1446	1.3544
n-Pentane, nC5	0.4200	0.1524	1.4401
Neo-Pentane, NeoC5			
Hexanes Plus, C6+	0.5630	0.2318	2.3057
Water, H2O			
Hydrogen Sulfide, H2S			
Oxygen, O2			
Carbon Monoxide, CO			
Hydrogen, H2			
Helium, He			
Argon, Ar			
Totals	100.0000	5.6920	100.0000

Property	Total Sample	C6 Plus Fraction
Pressure Base	14.650	
Temperature Base	60.00	
HCDP @ Sample Pressure		
Cricondentherm		
HV, Dry @ Base P, T	1263.90	4755.9000
HV, Sat @ Base P, T	1242.30	
HV, Sat @ Sample P, T	1253.11	
Relative Density	0.7300	0.66406
C6+: 100		

Sample

Date: 08/18/2021 Pressure: 51.0
 Type: Composite Temperature: 83.1
 Tech: TT H2O: lbs/mm
 H2S: 0 ppm

Remarks:

Analysis

Date: 08/20/2021 Instrument: 20
 Cylinder:

Tech: GL

Remarks:

Flaring Summary

battery	11/11/2021
	Sum(TOTAL F...
Cypress 34 Tank Battery	64.70
Grand total	64.70

date » (Column Names)

Data table:
flare_report_data (2)
Colors:
All values

battery

Sum(TOTAL FLARE (HP + LP))

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

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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 61927

QUESTIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 61927
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Prerequisites	
<i>Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.</i>	
Incident Well	Not answered.
Incident Facility	[fAPP2126030701] Cypress A CTB

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 and/or flaring caused by an emergency or malfunction	No
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.
<i>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.</i>	
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	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	79
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
<i>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</i>	
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 and/or flaring was discovered or commenced	11/11/2021
Time venting and/or flaring was discovered or commenced	06:00 AM
Time venting and/or flaring was terminated	06:00 PM
Cumulative hours during this event	1

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 Gas Compressor Station Natural Gas Flared Released: 65 Mcf Recovered: 0 Mcf Lost: 65 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	No
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.	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	Salt Creek Midstream scheduled maintenance on a compressor station for 7 hours. Tap Rock was flaring until 50 MCF was reached at which point Tap Rock tried to shut in the wells.
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	Salt Creek Midstream scheduled maintenance on a compressor station for 7 hours. Tap Rock was flaring until 50 MCF was reached at which point Tap Rock tried to shut in the wells.

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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: 61927
	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.	11/15/2021