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EXTENDED GAS REPORT SUMMARY OF CHROMATOGRAPHIC ANALYSIS

Sample Name: Ghost Rider North Sat Ck Apache
Sample Date: 08/26/2023
Sampled By: OF
Time Sampled: 10:41
Sample Temp: 103.9 F
Sample Press: 99.1

H₂S (PPM) = 1.3

For: 14299G
Cyl. Ident.: 2023074436
Company: Apache Corporation
Analysis Date: 08/28/2023
Analysis By: BH
Data File: LS_8973.D

Component	Mole%	GPM REAL	GPM IDEAL
H ₂ S	0.000		
Nitrogen	1.417		
Methane	70.655		
CO ₂	4.456		
Ethane	11.722	3.134	3.127
Propane	6.537	1.800	1.796
Isobutane	0.910	0.298	0.297
N-Butane	2.124	0.669	0.668
Isopentane	0.540	0.197	0.197
N-Pentane	0.592	0.215	0.214
Hexanes+	1.047	0.434	0.431
Total	100.000	6.747	6.730

CALCULATED PARAMETERS

TOTAL ANALYSIS SUMMARY

MOLE WT: 23.656
VAPOR PRESS PSIA: 3640.9
SPECIFIC GRAVITY
AIR = 1 (REAL): 0.8196
AIR = 1 (IDEAL): 0.8164
H₂O = 1 (IDEAL): 0.382

REPORTED BASIS: 14.73
Unnormalized Total: 100.293

HEATING VALUE

BTU/CUFT (DRY) 1291.0
BTU/CUFT (WET) 1269.1

BTEX SUMMARY

WT% BENZENE 4.515
WT% TOLUENE 4.105
WT% E BENZENE 0.437
WT% XYLENES 1.966

LAB MANAGER

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Sample Name: Ghost Rider North Sat Ck Apache
Company: Apache Corporation

Data File: LS_8973.D***ANALYSIS OF HEXANES PLUS**

Component	MOLE%	WT%
2,2 DIMETHYL BUTANE	0.005	0.019
CYCLOPENTANE	0.040	0.133
2-METHYLPENTANE	0.130	0.473
3-METHYLPENTANE	0.070	0.256
HEXANE (C6)	0.179	0.620
DIMETHYLPENTANES	0.011	0.047
METHYLCYCLOPENTANE	0.070	0.249
2,2,3 TRIMETHYLBUTANE	0.000	0.002
BENZENE	0.043	0.142
CYCLOHEXANE	0.094	0.334
2-METHYLHEXANE	0.023	0.096
3-METHYLHEXANE	0.032	0.136
DIMETHYLCYCLOPENTANES	0.010	0.042
HEPTANE (C7)	0.055	0.233
METHYLCYCLOHEXANE	0.078	0.325
2,5 DIMETHYLHEXANE	0.002	0.008
TOLUENE	0.042	0.163
2-METHYLHEPTANE	0.015	0.071
OTHER OCTANES	0.039	0.187
OCTANE (C8)	0.016	0.079
ETHYLCYCLOHEXANE	0.005	0.025
ETHYL BENZENE	0.004	0.016
M,P-XYLENE	0.015	0.070
O-XYLENE	0.003	0.015
OTHER NONANES	0.012	0.061
NONANE (C-9)	0.008	0.044
IC3 BENZENE	0.002	0.010
CYCLOOCTANE	0.000	0.000
NC3 BENZENE	0.000	0.001
TM BENZENE(S)	0.002	0.016
IC4 BENZENE	0.000	0.001
NC4 BENZENE	0.001	0.004
DECANES + (C10+)	0.016	0.133

***HEXANES PLUS SUMMARY**

AVG MOLE WT	93.242
VAPOR PRESS PSIA	9.860
API GRAVITY @ 60F	65.3
SPECIFIC GRAVITY	
AIR = 1 (IDEAL):	2.975
H2O = 1 (IDEAL):	0.719

COMPONENT RATIOS

HEXANES (C6) MOLE%	39.737
HEPTANES (C7) MOLE%	34.736
OCTANES (C8) MOLE%	18.360
NONANES (C9) MOLE%	4.489
DECANES+ (C10+) MOLE%	2.678
HEXANES (C6) WT%	36.392
HEPTANES (C7) WT%	33.846
OCTANES (C8) WT%	20.176
NONANES (C9) WT%	5.567
DECANES+ (C10+) WT%	4.019

Remarks:

* Hexane+ portion calculated by Allocation Process

Ghost rider 22-15

ENLINK MIDSTREAM OPERATING, LP	03/04/2025	03:04:27	397.690			Emergency		System upset - 3rd party	enlink having issues with compressors
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Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

DEFINITIONS

Action 440189

DEFINITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 440189
	Action Type: [C-129] Venting and/or Flaring (C-129)

DEFINITIONS

<p>For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application:</p> <ul style="list-style-type: none">• this application's operator, hereinafter "this operator";• venting and/or flaring, hereinafter "vent or flare";• any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";• the statements in (and/or attached to) this, hereinafter "the statements in this";• and the past tense will be used in lieu of mixed past/present tense questions and statements.

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QUESTIONS

Action 440189

QUESTIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 440189
	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	Unavailable.
Incident Facility	[fAPP2117671738] Ghost Rider 22-15 fed South Sat

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 this vent or flare caused by an emergency or malfunction	Yes
Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event	No
Is this considered a submission for a vent or flare 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 at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this vent or flare 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 vent or flare within an incorporated municipal boundary or within 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	76
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
<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.

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QUESTIONS, Page 2

Action 440189

QUESTIONS (continued)

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 440189
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	03/04/2025
Time vent or flare was discovered or commenced	07:00 AM
Time vent or flare was terminated	10:00 AM
Cumulative hours during this event	3

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: High Line Pressure Producing Well Natural Gas Flared Released: 397 Mcf Recovered: 0 Mcf Lost: 397 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 this vent or flare a result of downstream activity	Yes
Was notification of downstream activity received by this operator	No
Downstream OGRID that should have notified this operator	[320009] ENLINK MIDSTREAM OPERATING, LP
Date notified of downstream activity requiring this vent or flare	Not answered.
Time notified of downstream activity requiring this vent or flare	Not answered.

Steps and Actions to Prevent Waste	
For this event, this operator could not have reasonably anticipated the current event and it was beyond this operator's control.	True
Please explain reason for why this event was beyond this operator's control	flare due to HLP
Steps taken to limit the duration and magnitude of vent or flare	only flare for safety reasons
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	only flare due to HLP

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ACKNOWLEDGMENTS

Action 440189

ACKNOWLEDGMENTS

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	Action Number: 440189
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit a <i>Venting and/or Flaring</i> (C-129) report on behalf of this operator and understand that this report can be a complete C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to this operator) to track any C-129 forms, pursuant to 19.15.27.7 and 19.15.28.8 NMAC and understand that this submission meets the notification requirements of Paragraph (1) of Subsection G and F respectively.
<input checked="" type="checkbox"/>	I hereby certify the statements in this report are true and correct to the best of my knowledge and acknowledge that any false statement may be subject to civil and criminal penalties under the Oil and Gas Act.
<input checked="" type="checkbox"/>	I acknowledge that the acceptance of any C-129 forms by the OCD does not relieve this operator of liability should their operations have failed to adequately investigate, report, and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment.
<input checked="" type="checkbox"/>	I acknowledge that OCD acceptance of any C-129 forms does not relieve this operator of responsibility for compliance with any other applicable federal, state, or local laws and/or regulations.

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CONDITIONS

Action 440189

CONDITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 440189
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
afulton	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.	3/7/2025