Name: 631233 AAO South 56 of 69

General	Value	Last Modified	User	Comment
Contract hour	5.00			
Log period (mins)	60			
Meter type	Orifice			
Base temp (F)	60			
Base pressure(psi)	14.65			
Primary calc method	AGA3-13	12/10/19 2:03	IS (Service AKM.UIS)	
FPV calc method	AGA 8 - Detail	1/19/16 14:23	IS (Service AKM.UIS)	
SP tap location	Upstream			
DP tap type	Flange			
Pipe diameter(in)	3.067			
Tube material	Unspecified			
Orifice bore size(in)	1.25	12/31/19 11:16	IS (Service AKM.UIS)	
Orifice ref temp(F)	68	1/27/16 9:42	IS (Service AKM.UIS)	
SP sensor type	Absolute			
Viscosity (cp)	0.010268			
Isentropic exp	1.3			
Name	631233			
Description	AAO South	6/22/18 11:40	IS (Service AKM.UIS)	

Gas Composition	Value	Last Modified	User	Comment
Heating value (BTU/CF)	1221	10/1/21 5:00	DMS\CygNet2	
Specific gravity	0.7882	10/1/21 5:00	DMS\CygNet2	
Nitrogen (%)	2.628	10/1/21 5:00	DMS\CygNet2	
Carbon dioxide (%)	2.139	10/1/21 5:00	DMS\CygNet2	
Hydrogen sulfide (%)	1.8	10/1/21 5:00	DMS\CygNet2	
Water (%)	0			
Methane (%)	69.732	10/1/21 5:00	DMS\CygNet2	
Ethane (%)	13.935	10/1/21 5:00	DMS\CygNet2	
Propane (%)	6.026	10/1/21 5:00	DMS\CygNet2	
Isobutane (%)	0.684	10/1/21 5:00	DMS\CygNet2	
n-Butane (%)	1.667	10/1/21 5:00	DMS\CygNet2	
n-Pentane (%)	0.376	10/1/21 5:00	DMS\CygNet2	
Isopentane (%)	0.406	10/1/21 5:00	DMS\CygNet2	
neoPentane (%)	0			
n-Hexane (%)	0.607	10/1/21 5:00	DMS\CygNet2	
n-Heptane (%)	0			
n-Octane (%)	0			
n-Nonane (%)	0			
n-Decane (%)	0			
Carbon monoxide (%)	0			

Hydrogen (%)	0		
Oxygen (%)	0	10/1/19 5:00	DMS\cygnet
Argon (%)	0		
Helium (%)	0		

Factors	Value	Last Modified	User	Comment
Meter factor	1			
IV variables	None	12/10/19 2:03	IS (Service AKM.UIS)	
Use exp AGA-8	Yes			
Use exp AGA-3	Yes			
Gas exp factor calc	None			
Pipe exp coefficient	0.0000062	1/27/16 9:42	IS (Service AKM.UIS)	

Limits / Calibration	Value	Last Modified	User	Comment
DP alarm low(inH2O)	0			
DP alarm high(inH2O)	150			
Temp alarm low	0			
Temp alarm high	150			
Low flow cutoff DP	0.5			
DP calibrate low	0			
DP calibrate high	150			
SP calibrate low	12.8	11/8/20 10:43	IS (Service AKM.UIS)	
SP calibrate high	112.8	11/8/20 10:43	IS (Service AKM.UIS)	
Temp calibrate low	0			
Temp calibrate high	0			
Temp calibrate zero(F)	0			

Changes Overview	Item	Old Value	New Value	User

AAO FED S FLARE MTR **Sap Id:** 113908 **Disp Type:** Flare **State:** New Mexico **County:** Eddy **Latitude:** 32.7757 9293 **Longitude:** -104.2308517

RED LAKE NE (BP)	DURANGO MIDSTREAM LLC	09/13/2023	12:00:00	111.000	74	37	Emergency		System upset - 3rd party	Durango had compressors down around the field

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DEFINITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 266551
	Action Type: [C-129] Venting and/or Flaring (C-129)

DEFINITIONS

For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application:

- 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 266551

QUESTIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 266551
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Prerequisites	
Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.	
Incident Well	*Unavailable.*
Incident Facility	**[fAPP2216861832] AAO Fed 3-13 Flare Meter**

Determination of Reporting Requirements	
Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide addional guidance.	
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	Yes
Is this considered a submission for a vent or flare event	**Yes, minor venting and/or flaring of natural gas.**
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.	
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 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	
Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	70
Nitrogen (N2) percentage, if greater than one percent	3
Hydrogen Sulfide (H2S) PPM, rounded up	2
Carbon Dioxide (C02) percentage, if greater than one percent	2
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 Sufide (H2S) PPM quality requirement	*Not answered.*
Carbon Dioxide (C02) percentage quality requirement	*Not answered.*
Oxygen (02) percentage quality requirement	*Not answered.*

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QUESTIONS (continued)

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 266551
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	09/13/2023
Time vent or flare was discovered or commenced	07:00 AM
Time vent or flare was terminated	07:00 PM
Cumulative hours during this event	12

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: 111 Mcf | Recovered: 0 Mcf | Lost: 111 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	[221115] FRONTIER FIELD SERVICES, LLC
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	durango had compressor issues causing HLP
Steps taken to limit the duration and magnitude of vent or flare	flare only due to high line pressure
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	only flare for safety reasons

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ACKNOWLEDGMENTS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 266551
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

☑	I acknowledge that I am authorized to submit a *Venting and/or Flaring* (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.
☑	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.
☑	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.
☑	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.
☑	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

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 266551
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
sflores	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.	9/18/2023