

AOM OP: DB		Route: ART_04503				Stop: AAO FEDERAL						
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		11/17/2023	20:00:00	198.000	79.20	118.80	Emergency	System upset - 3rd party		Durango had compressors down throughout the field.	

Name: 631233

AAO South

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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
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Phone:(575) 393-6161 Fax:(575) 393-0720

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811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
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District IV
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State of New Mexico
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Oil Conservation Division
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Santa Fe, NM 87505

DEFINITIONS

Action 287806

DEFINITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 287806
	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 287806

QUESTIONS

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	Action Number: 287806
	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 additional 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 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 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 (CO2) percentage, if greater than one percent	2
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.

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QUESTIONS, Page 2

Action 287806

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	11/17/2023
Time vent or flare was discovered or commenced	01:00 AM
Time vent or flare was terminated	08:00 PM
Cumulative hours during this event	20

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Equipment Failure Producing Well Natural Gas Flared Released: 198 Mcf Recovered: 0 Mcf Lost: 198 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 compressor down causing 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	HLP caused flaring

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ACKNOWLEDGMENTS

Action 287806

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

ACKNOWLEDGMENTS

☒	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.
☒	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

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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.	11/21/2023