

Cottonwood Hills 32 St 5H WH Alloc 7471G NCW9775189 Sample Point Code Sample Point Name Sample Point Location

Laboratory Services		2021039341	0864		I Rangel - Spot		
Source Laboratory		Lab File No	Container Ider	ntity	Sampler		
USA		USA	USA		New Mexico		
District		Area Name	Field Name	-	Facility Name		
Feb 22, 202	21 10:40	Feb 22, 2021 10:40		Mar 2, 2021 09:38	Mar 2, 2021		
Date San	npled	Date Effective		Date Received	Date Reported		
45.00	296.76	Torrance	83 @	@ 74			
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst		@ Temp °F Conditions			
Cimarex	Energy				NG		
Opera	ator			<u> </u>	Lab Source Description		

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0000	0	
Nitrogen (N2)	1.2820	1.282	
CO2 (CO2)	0.1460	0.146	
Methane (C1)	77.1440	77.143	
Ethane (C2)	11.7830	11.783	3.1500
Propane (C3)	5.5720	5.572	1.5350
I-Butane (IC4)	0.8090	0.809	0.2650
N-Butane (NC4)	1.9080	1.908	0.6010
I-Pentane (IC5)	0.3260	0.326	0.1190
N-Pentane (NC5)	0.3800	0.38	0.1380
Hexanes Plus (C6+)	0.6500	0.65	0.2820
TOTAL	100.0000	99.9990	6.0900

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

Analyzer Information						
Device Type:	Gas Chromatograph	Device Make:	Shimadzu			
Device Model:	GC-2014	Last Cal Date:	Mar 2, 2021			

Gross Heating Values (Real, BTU/ft³)						
14.696 PSI @ 60.	00 °F	14.73 PSI @ 60.00 °F				
Dry	Saturated	Dry	Saturated			
1,282.5	1,261.6	1,285.5	1,264.5			
Calcu	lated Total :	Sample Prop	erties			
GPA21	.45-16 *Calculate	d at Contract Con	ditions			
Relative Density	Real	Rela	tive Density Ideal			
0.7445			0.7420			
Molecular Weig	ght					
21.4935	i					
	C6+ Group	Properties				
	Assumed (Composition				
C6 - 60.000%	C7 - 30	.000%	C8 - 10.000%			
	Field	l H2S				
	0 F	PPM				
PROTREND STATUS:		DAT	A SOURCE:			

DATA SOURCE:

Passed By Validator on Mar 3, 2021 Imported

PASSED BY VALIDATOR REASON:

Close enough to be considered reasonable.

VALIDATOR:

Torrance Galvan

VALIDATOR COMMENTS:

OK

Release Quantity Calcula	tion / Repo	orting Requirement												
		COTTONWOOD HILLS 32 STATE						-						
Facility: Date/Time Discovered:	4/29/22 11:00 AM		: 11:00:00 AM	State	Updated per Facility Selection NM	1	Enter Gas Analysis			= entered info = entered from spreadsheet for	or release type			
Date/Time Started:		Time Event Started:		Latitude	32.08036		Check Reporting Summary			= calculated value	**			
Date/Time Ended:	4/29/22 11:00 AM	Time Event Ended	11:00:00 AM	Longitude	-104.21858			_		= dropdowns				
Event Duration (hrs):	24.000			GCP IN NM?	NO									
Event Duration (days):	1.000	1	Accumula	ated Malfunctions VOC (TPY)										
Ambient Temperature (F):		1				1								
Cause (if known):	Arrived on location. Wellmark controller	Found gas venting from anardo on top of w was stuck. Made adjustments to wellmark	vater tank. Inspected all water dun and stopped gas from venting	nps. Found cottonwood hills 32-	5H water dump hung open.									
No. of Events:														
	<u> </u>													
Notes:	Performed mass ba	lance using scada data												
Corrective Action:														
Release Source Type and Infor	mation													
Release Source Type and Infor	mation													
Metered/Estimated Vol (mscf).	286.840	Control Type:	None	Control Efficiency (%)	0%	adjust manually if needed, this	control is for metered/estimated	volumes only				If Tank Vapors are also		
CLICK to go to this tab>	<u>Hole</u>	Pipe Blowdown - HP	Pipe Blowdown - LP	Equipment Blowdown	Compressor Blowdown	Compressor Startup	ESD	Metered/Estimated Vol.	<u>PSV</u>	TOTAL	=	vented, Gas Volume for Radar is	,	
Vol. Vented to Atmosphere (mscf):	0.000	0.000	0.000	0.000	0.000	0.000	0.000	286.840	0.000	286.840	(mscf) uncombusted	0.000	(mscf) uncombusted	
Vol. of Gas Combusted (mscf):	-	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	(mscf) combusted			
Max Hourly Release (mscf)	12.0	Overwrite if greater than calculated value									=			
		_												
NM Reporting Questions	Did the emission	event resulted in uncontrolled engine emis	sions vented to atmosphere? (ie.	engine burning without catalyst	N	lo								
			to the above, is this engine subjec			lo								
CSB Reporting Questions			event result in a fatality or serious			lo.								
C3B Reporting Questions														
		Did the event re	sult in property damage estimated	in or excess of \$1million USD?	N N	0								
EPCRA Reporting Questions		Did the release resulted in	exposure to persons solely within	the boundaries of XEC facility?	Y	es	H2S ppm=		Enter HERE if not already in the	gas analysis in mole %				
		Is the release a feder	rally permitted release as defined i	in Section 101(10) of CERCLA	N	lo			•					
		Is the release a feder	rally permitted release as defined	in Section 101(10) of CERCLA?	A	lo			<u>.</u>					
* use recent as analysis specific to the facility if avai	lable: otherwise use di		rally permitted release as defined	in Section 101(10) of CERCLA?	Α.	lo	J	Tank vented emissions	Dehy vented emissions					
*use recent gas analysis specific to the facility if avail Component	lable; otherwise use di		grams per 100 moles of gas	in Section 101(10) of CERCLA?	Total Event Release Amount (ibs)		Max Hourly Release Amount (lbs)		Dehy vented emissions Total Event Dehy Emissions (lbs)	Total Event (Vented Gas+Tank Vapors)	Reportable Amount 24-hr (lbs) for TX Reporting	Reportable Amount 24-hr (lbs) for NRC Reporting	Component to Report to TCEQ	Component to Report to NRC
Component	*mole %	efault data for the basin Molecular Weight (grams/mole, lb/lb-			Total Event Release Amount	Total Release Amount 24-hr		Total Event Tank Emissions	Total Event Dehy Emissions		24-hr (lbs) for TX			
Component	*mole % 0.0000 0.0000	Molecular Weight (grams/mole, lb/lb-mol) 2.01588 4.0026	grams per 100 moles of gas 0.00 0.00	weight %	Total Event Release Amount (Ibs) 0.00 0.00	Total Release Amount 24-hr period (lbs) 0.00 0.00	0.00 0.00	Total Event Tank Emissions (lbs)	Total Event Dehy Emissions (lbs)	0.00 0.00	24-hr (lbs) for TX Reporting NA NA	(lbs) for NRC Reporting NA NA		
Component	*mole % 0.0000 0.0000 1.2820	Molecular Weight (grams/mole, lb/lb-mol) 2.01588 4.0026 28.01340	grams per 100 moles of gas 0.00 0.00 35.91	weight % 0.000 0.000 1.674	Total Event Release Amount (lbs) 0.00 0.00 271.44	Total Release Amount 24-hr period (lbs) 0.00 0.00 271.44	0.00 0.00 11.31	Total Event Tank Emissions (lbs)	Total Event Dehy Emissions (lbs)	0.00 0.00 271.44	24-hr (lbs) for TX Reporting NA NA 5000	(lbs) for NRC Reporting NA NA NA NA	Report to TCEQ	
Component	*mole % 0.0000 0.0000	Molecular Weight (grams/mole, lb/lb-mol) 2.01588 4.0026	grams per 100 moles of gas 0.00 0.00	weight %	Total Event Release Amount (Ibs) 0.00 0.00	Total Release Amount 24-hr period (lbs) 0.00 0.00 271.44 48.57	0.00 0.00	Total Event Tank Emissions (lbs)	Total Event Dehy Emissions (lbs)	0.00 0.00	24-hr (lbs) for TX Reporting NA NA	(lbs) for NRC Reporting NA NA		
Component	*mole % 0.0000 0.0000 1.2820 0.1460	Molecular Weight (grams/mole, libitb- mol) 2.01588 4.0026 28.01340 44.00950	grams per 100 moles of gas 0.00 0.00 35.91 6.43	weight % 0.000 0.000 1.674 0.300	Total Event Release Amount (lbs) 0.00 0.00 271.44 48.57	Total Release Amount 24-hr period (lbs) 0.00 0.00 271.44	0.00 0.00 11.31 2.02	Total Event Tank Emissions (Ibs) 0.00 0.00	Total Event Dehy Emissions (lbs) 0.00 0.00	0.00 0.00 271.44 48.57	24-hr (lbs) for TX Reporting NA NA S000 NA	(lbs) for NRC Reporting NA NA NA NA NA NA	Report to TCEQ	
Component	*mole % 0.0000 0.0000 1.2820 0.1460 0.0000 77.1440 11.7830	Molecular Weight (grams/mole, Ib/Ib- mol) 2.01588 4.0026 28.01540 44.0050 34.0188 16.04246 30.08904	grams per 100 moles of gas 0.00 0.00 35.91 6.43 0.00 1237.58	weight % 0.000 0.000 1.674 0.300 0.000 57.702 16.519	Total Event Release Amount (fbs) 0.00 0.00 271.44 48.57 0.00 9354.08 2877.96	Total Release Amount 24-hr period (ba) 0.00 0.00 271.44 48.57 0.00 9.334.08 2877.96	(ibs) 0.00 0.00 11.31 2.02 0.00 389.75 111.58	Total Event Tank Emissions (lbs) 0.00 - 0.00 - 0.00 - 0.00 - 0.00	Total Event Dehy Emissions (tbs) 0.00 0.00 0.00 0.00	Gas+Tank Vapors) 0.00 0.00 271.44 48.57 0.00 9354.08 2677.96	24-hr (lbs) for TX Reporting NA NA 5000 NA 100 NA NA	(lbs) for NRC Reporting NA NA NA NA NA NA NA NA NA N	Report to TCEQ	
Component	*mole % 0.0000 0.0000 1.2820 0.1460 0.0000 77.1440 11.7830 5.5720	Molecular Weight (grams/mole, ib/lb- molecular Weight (grams/mole, ib/lb- molecular Weight (grams/mole, ib/lb- 2 01598 4 0026 44 00850 34 08198 16 04245 3 0.08904 4 4 05662	grams per 100 moles of gas 0.00 0.00 35.91 6.43 0.00 127.58 354.30 248.70	weight % 0.000 0.000 1.674 0.350 0.000 57.702 16.519 11.456	Total Event Release Amount (Iba) 0.00 0.00 271.44 48.57 0.00 0354.08 2877.96 1887.10	Total Release Amount 24-hr period (lbs) 0.00 0.00 271.44 48.57 0.00 9384.08 2877.96 1887.10	(lbs) 0.00 0.00 11.31 2.02 0.00 389.75 111.58 77.38	Total Event Tank Emissions (lbs)	Total Event Dehy Emissions (fbs)	Gas+Tank Vapors) 0.00 0.00 271.44 48.57 0.00 9354.08 2677.96 1857.10	24-hr (lbs) for TX Reporting NA NA 5000 NA 100 NA NA 5000 NA 5000	(ibs) for NRC Reporting NA NA NA NA 100 NA NA NA NA NA NA NA	Report to TCEQ	
Component	*mole % 0.0000 0.0000 1.2820 0.1460 0.0000 77.1440 11.7830	Molecular Weight (grams/mole, Ib/Ib- mol) 2.01588 4.0026 28.01540 44.0050 34.0188 16.04246 30.08904	grams per 100 moles of gas 0.00 0.00 35.91 6.43 0.00 1237.58	weight % 0.000 0.000 1.674 0.300 0.000 57.702 16.519	Total Event Release Amount (fbs) 0.00 0.00 271.44 48.57 0.00 9354.08 2877.96	Total Release Amount 24-hr period (ba) 0.00 0.00 271.44 48.57 0.00 9.334.08 2877.96	(ibs) 0.00 0.00 11.31 2.02 0.00 389.75 111.58	Total Event Tank Emissions (lbs) 0.00 - 0.00 - 0.00 - 0.00 - 0.00	Total Event Dehy Emissions (tbs) 0.00 0.00 0.00 0.00	Gas+Tank Vapors) 0.00 0.00 271.44 48.57 0.00 9354.08 2677.96	24-hr (lbs) for TX Reporting NA NA 5000 NA 100 NA NA	(lbs) for NRC Reporting NA NA NA NA NA NA NA NA NA N	Report to TCEQ	
Component	*mole % 0.0000 0.0000 1.2820 0.1460 0.0000 77.1440 11.7830 5.5720 2.7170	Molecular Weight (grams/mole, Ib/Ib- mol) 2.01588 4.0026 28.01540 44.0050 34.0488 16.04246 30.06904 44.05662 58.12220	grams per 100 moles of gas 0.00 0.00 35.91 6.43 0.00 1237.58 354.50 245.70 157.92	weight % 0.000 0.000 1.674 0.300 0.000 57.702 18.519 11.456 7.383	Total Event Release Amount (Ibs) 0.00 0.00 271-44 48.57 0.00 9354.08 2877.96 1857.10 1193.60	Total Release Amount 24-hr period (bas) 0.00 0.00 271.44 48.57 0.00 9354.08 2677.96 1857.10 1193.80	(lbs) 0.00 0.00 11.31 2.02 0.00 389.75 111.58 77.38 49.73	Total Event Tank Emissions (lbs)	Total Event Dehy Emissions (tbs)	Gas+Tank Vapors) 0.00 0.00 271.44 48.57 0.00 9354.08 2677.96 1157.10	24-hr (lbs) for TX Reporting NA NA 5000 NA 100 NA NA S000 NA S000 NA S000	(ibs) for NRC Reporting NA NA NA NA 100 NA NA NA NA NA NA NA NA NA	Report to TCEQ	
Component	*mole % 0.0000 0.0000 1.2820 0.1460 0.0000 77.1440 11.7830 5.5720 2.7170 0.7060	Molecular Weight (grams/mole, Ib/Ib- molecular Weight (grams/mole, Ib/Ib- 2 01568 4 0026 28 01540 4 0026 4	grams per 100 moles of gas 0.00 0.00 0.00 35.91 6.43 0.00 1237.58 354.30 248.70 157.92 50.94 0.00	weight % 0.000 0.000 1.074 0.300 0.000 57.702 16.519 11.456 7.363 2.375 0.000 0.000	Total Event Release Amount (Ibs) 0.00 0.00 0.00 271.44 48.57 0.00 8054.08 2877.96 1897.10 1193.60 386.00 0.00	Total Release Amount 24-hr period (bts) 0.00 0.00 0.00 271.44 46.57 0.00 9394.08 2677.96 1857.10 1193.60 0.00 0.00 0.00	(ba) 0.00 0.00 11.31 2.02 0.00 389.75 111.58 77.38 49.73 16.04 0.00 0.00	Total Event Tank Emissions (lbs)	Total Event Dehy Emissions (ba)	Gas+Tank Vapors) 0.00 0.00 271.44 48.57 0.00 9354.08 2677.96 1857.10 1193.60 385.00 0.00	24-hr (Iba) for TX Reporting NA NA NA 5000 NA 100 NA NA 5000 100 100 100 5000 5000 5000 5000	(bs) for NRC Reporting NA NA NA NA NA 100 NA NA NA NA 101 NA	Report to TCEQ	
Component	*mole % 0.0000 0.0000 1.2820 0.1460 0.0000 77.1440 11.7830 5.5720 2.7170	Molecular Weight (grams/mole, Ib/Ib-mol) 2.01588 4.0026 2.01588 4.0056 3.05180 4.00600 3.05886 4.00600 4.05602 72.14878 72.14978 78.110000 86.180000 86.180000	grams per 100 moles of gas 0.00 0.00 33.91 6.43 0.00 1237.58 354.30 245.70 157.52 50.94 0.00 0.00 0.00	weight % 0.000 0.000 1.674 0.300 0.000 57.702 16.519 11.456 7.383 2.375 0.000 0.000 0.000	Total Event Release Amount (Ibs) 0.00 0.00 0.00 271.44 48.57 0.00 9354.08 1857.10 1193.60 385.00 0.00 0.00 423.40	Total Release Amount 24-hr period (ba) 0.00 0.00 271-144 45.57 0.00 9354.08 2877.96 1857.10 1193.60 385.00 0.00 0.00 0.00	(ba) 0.00 0.00 11.31 2.02 0.00 388775 111.56 77.38 40.73 16.04 0.00 0.00 17.64	Total Event Tank Emissions (tbs) (bs) (solor) (bs) (solor) (bs) (solor) (bs) (solor) (cs) (cs) (cs) (cs) (cs) (cs) (cs) (cs	Total Event Dehy Emissions (bs)	Gas+Tank Vapors) 0.00 0.00 271 44 45.57 0.00 9354.08 2877.96 1657.10 1193.60 385.00 0.00 0.00 0.00	24-hr (lba) for TX Reporting NA NA S000 NA 100 NA 100 NA 5000 S000 S000 S000 S000 S000 S000 S00	(Ibs) for NRC Reporting NA NA NA NA NA NA NA 100 NA NA NA NA NA NA NA NA Sooo 5000 5000	Report to TCEQ	
Component	*mole % 0.0000 0.0000 1.2820 0.1460 0.0000 77.1440 11.7830 5.5720 2.7170 0.7060	Molecular Weight (grams/mole, Ib/Ib- molecular Weight (grams/mole, Ib/Ib- 2 01568 4 0026 28 01540 4 0026 4	grams per 100 moles of gas 0.00 0.00 0.00 35.91 6.43 0.00 1237.58 354.30 248.70 157.92 50.94 0.00	weight % 0.000 0.000 1.074 0.300 0.000 57.702 16.519 11.456 7.363 2.375 0.000 0.000	Total Event Release Amount (Ibs) 0.00 0.00 0.00 271.44 48.57 0.00 8054.08 2877.96 1897.10 1193.60 386.00 0.00	Total Release Amount 24-hr period (bts) 0.00 0.00 0.00 271.44 46.57 0.00 9394.08 2677.96 1857.10 1193.60 0.00 0.00 0.00	(ba) 0.00 0.00 11.31 2.02 0.00 389.75 111.58 77.38 49.73 16.04 0.00 0.00	Total Event Tank Emissions (lbs)	Total Event Dehy Emissions (ba)	Gas+Tank Vapors) 0.00 0.00 271.44 48.57 0.00 9354.08 2677.96 1857.10 1193.60 385.00 0.00	24-hr (Iba) for TX Reporting NA NA NA 5000 NA 100 NA NA 5000 100 100 100 5000 5000 5000 5000	(bs) for NRC Reporting NA NA NA NA NA 100 NA NA NA NA 101 NA	Report to TCEQ	
Component	"mole % 0.0000 0.0000 1.2820 0.1460 0.0000 77.1440 11.7830 5.5720 2.7170 0.7060	Molecular Weight (grams/mole, Ib/Ib- molecular Weight (grams/mole, Ib/Ib- 0000 201588 4 0000 201588 4 00000 201580	grams per 100 moles of gas 0.00 0.00 1.00 1.00 1.00 1.00 1.00 1.	weight % 0.000 0.000 1.674 0.300 0.000 57.702 16.519 11.466 7.363 2.375 0.000 0.000 2.612	Total Event Release Amount (Ibs) 0.00 0.00 0.00 271.44 48.57 0.00 5354.08 2877.96 1857.10 1193.80 0.00 0.00 0.00 423.40 0.00	Total Release Amount 24-hr period (bts) 0.00 0.00 0.00 271.44 46.57 0.00 9354.08 2877.98 1893.70 1193.60 0.00 0.00 0.00	(ba) 0.00 0.00 11.31 2.02 0.00 389.75 111.58 49.73 40.73 16.04 0.00 17.64 0.00	Total Event Tank Emissions (lbs)	Total Event Detry Emissions (tbs)	Gas+Tank Vapors) 0.00 0.00 271.44 48.57 0.00 9354.08 2877.96 1857.10 1193.80 385.00 0.00 423.40 0.00	24-hr (tha) for TX Reporting NA NA NA 100 NA 100 NA 100 NA 100 NA 100 S000 S000 5000 10 S000 S000 S000 S0	(Iba) for NRC Reporting NA NA NA NA NA 100 NA NA NA NA NA NA NA NA SA NA SA SO SO SO SO SO SO SO	Report to TCEQ	
Component	*mole % 0.0000 0.0000 1.2820 0.1460 0.0000 77,1440 11,7830 5.5720 2.7170 0.7060 0.6500	Molecular Weight (grams/mole, Ib/Ib-mol) 2.01588 4.0026 4.0026 28.01540 44.00950 34.0188 10.04246 30.09804 44.09662 58.1220 72.14878 78.11000 86.18000 92.140000 100.20000 106.170000	grams per 100 moles of gas 0.00 0.00 0.00 133.91 6.43 0.00 1237.58 354.30 245.70 157.52 50.94 0.00 0.00 0.00 0.00 0.00 0.00 0.00	weight % 0.000 0.000 1.674 0.300 0.000 57.702 18.519 11.456 7.383 2.375 0.000 0.000 2.612 0.000 0.000 0.000 0.000 0.000	Total Event Release Amount (Ibs) 0.00 0.00 0.00 271.44 48.57 0.00 9354.08 1857.10 1193.60 385.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Total Release Amount 24-hr peeriod (bts) 0.00 0.00 0.00 271-144 45.57 0.00 9354.08 1857.10 1153.00 385.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	(Ba) 0.00 0.00 11131 2.02 0.00 389.75 11158 77.38 40.73 16.04 0.00 0.00 0.00 0.00 0.00	Total Event Tank Emissions (tbs)	Total Event Dehy Emissions (Ibs)	Gas+Tank Vapors) 0.00 0.00 271.44 48.57 0.00 8354.08 2877.96 1857.70 1193.60 385.00 0.00 0.00 0.00 0.00 0.00 0.00	24-hr (fbs) for TX Reporting NA NA NA S000 NA 100 NA NA NA S000 100 100 100 100 1000 1000 1000 10	(Iba) for NRC Reporting NA NA NA NA NA NA NA 100 NA NA NA NA NA NA NA NA NA	Report to TCEQ	
Component	*mole % 0.0000 0.0000 1.2820 0.1460 0.0000 77.1440 11.7830 5.5720 2.7170 0.7060 0.6500	Molecular Weight (grams/mole, Ib/Ib- molecular Weight (grams/mole, Ib/Ib- 2 01588 4 0026 28 01540 44 00950 34 04188 16 04246 30 06904 44 05662 55 1220 72 14078 78 10000 86 18000 92 14000 106 170000 116 170000	grams per 100 moles of gas 0.00 0.00 1.00 1.00 1.00 1.227.58 1.554.30 1.245.70 1.157.52 1.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	weight % 0.000 0.000 1.074 0.300 0.000 57.702 111.456 111.456 2.275 0.000 0.000 2.515 0.000 0.000 0.000 0.000 0.000	Total Event Release Amount (Ibbs) 0.00 0.00 0.00 271.44 48.57 0.00 9354.08 1857.10 1153.00 386.00 0.00 423.40 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Total Release Amount 24-hr period (bs) 0.00 0.00 0.00 271.44 45.57 0.50 9354.08 2877.96 1857.10 1153.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	(8-a)	Total Event Tank Emissions (lbs)	Total Event Detry Emissions (tbs)	Gas+Tank Vapors) 0.00 0.00 271.44 48.57 0.00 938.08 2677.96 1195.710 1195.80 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	24-hr (bs) for TX Reporting NA NA NA NA 100 NA 100 NA 100 NA 5000 S000 5000 10 100 1000 1000 1000 10	(ba) for NRC Reporting NA NA NA NA NA NA NA 100 NA NA NA NA NA NA NA NA NA	Report to TCEQ	
Component	"mote % 0.0000 0.0000 1.2820 0.1660 0.0000 77.1440 11.7840 5.5720 2.7770 0.7060 0.0000 0.0000	Molecular Weight (grams/mole, Ib/Ib-mol) 2.01588 4.0026 4.0026 28.01540 44.00950 34.0188 10.04246 30.09804 44.09662 58.1220 72.14878 78.11000 86.18000 92.140000 100.20000 106.170000	grams per 100 moles of gas 0.00 0.00 3.591 6.43 0.00 1237.58 384.30 245.70 157.92 50.94 0.00 0.00 0.00 0.00 0.00 0.00 0.00	weight % 0.000 0.000 1.674 0.300 0.000 57.702 18.519 11.456 7.363 2.375 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Total Event Release Amount (Ibs) 0.00 0.00 271.44 48.57 0.00 9334.08 1887.10 1193.60 385.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Total Release Amount 24-hr peeriod (bas) 0.00 0.00 0.00 271-144 48.57 0.00 9334.08 1857.10 1153.60 385.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	(ba) 0.00 0.00 11131 2.02 0.00 15131 1158 11158 40.73 16.04 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Total Event Tank Emissions (the)	Total Event Dehy Emissions (Ibs)	Gas+Tank Vapors) 0.00 0.00 271.44 48.57 0.00 9384.08 2877.98 1857.10 1103.60 3885.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	24-hr (bs) for TX Reporting NA NA NA NA NA NA NA NA NA S000 NA S000 S000	(Ibs) for NRC Reporting NA NA NA NA NA 100 NA NA 100 NA NA NA NA NA NA NA NA 10 5000 1000 NA 1000 NA 1000 NA NA NA NA NA NA NA NA NA	Report to TCEQ	
Component	"mole % 0.0000 0.0000 1.2820 1.2820 0.0000 77.3440 11.7830 0.7060 0.0000 0.0000 0.0000 0.0000	Molecular Weight (grams/mole, Ib/Ib- molecular Weight (grams/mole, Ib/Ib- 2 01588 4 0026 28 01540 44 00950 34 04188 16 04246 30 06904 44 05662 55 1220 72 14078 78 10000 86 18000 92 14000 106 170000 116 170000	grams per 100 moles of gas 0.00 0.00 1.00 1.00 1.00 1.227.58 1.554.30 1.245.70 1.157.52 1.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	weight % 0.000 0.000 1.674 0.300 0.000 67.702 11.456 7.363 2.375 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Total Event Release Amount (Ibbs) 0.00 0.00 0.00 271.44 48.57 0.00 9354.08 1857.10 1153.00 386.00 0.00 423.40 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Total Release Amount 24-hr period (bs) 0.00 0.00 0.00 271.44 45.57 0.50 9354.08 2877.96 1857.10 1153.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	(8-a)	Total Event Tank Emissions (lbs)	Total Event Detry Emissions (tbs)	Gas+Tank Vapors) 0.00 0.00 271.44 48.57 0.00 938.08 2677.96 1195.710 1195.80 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	24-hr (bs) for TX Reporting NA NA NA NA 100 NA 100 NA 100 NA 5000 S000 5000 10 100 1000 1000 1000 10	(ba) for NRC Reporting NA NA NA NA NA NA NA 100 NA NA NA NA NA NA NA NA NA	Report to TCEQ	
Component	"mole % 0.0000 0.0000 1.2820 1.2820 0.0000 77.3440 11.7830 0.7060 0.0000 0.0000 0.0000 0.0000	Molecular Weight (grams/mole, Ib/Ib-mol) 2.01588 4.0026 28.01540 4.00560 34.01588 16.04246 30.08904 44.09902 55.1220 77.14876 78.11000 66.10000 92.140000 100.20000 116.370000 116.370000 116.370000 118.32000 118.32000	grams per 100 moles of gas 0.00 0.00 35.91 6.43 0.00 1237.58 354.30 245.70 157.92 50.94 0.00 0.00 0.00 0.00 0.00 0.00 0.00	weight % 0.000 0.000 1.074 0.300 0.000 57.702 11.456 7.363 2.376 0.000	Total Event Release Amount (Ibs) 0.00 0.00 0.00 271.44 48.57 0.00 6354.08 2677.96 1897.10 1193.60 385.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Total Release Amount 24-hr period (0x0) 0.00 0.00 271.44 45.57 9354.98 1857.10 1857.10 1857.10 1857.10 0.00 0.00 0.00 0.00 0.00 0.00 0.00	(ba) 0.00 0.00 11131 2.02 0.00 15131 1158 11158 40.73 16.04 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Total Event Tank Emissions (Iba)	Total Event Dehy Emissions (ba)	Gas+Tank Vapors) 0.00 0.00 271.44 48.57 0.00 9354.08 2677.96 1195.70 1193.60 0.00	24-hr (bs) for TX Reporting NA NA NA NA NA NA NA NA NA S000 NA S000 S000	(Ibs) for NRC Reporting NA NA NA NA NA 100 NA NA 100 NA NA NA NA NA NA NA NA 10 5000 1000 NA 1000 NA 1000 NA NA NA NA NA NA NA NA NA	Report to TCEQ	
Component Phylorogen Hellum Hellum Nitrogen CO2 HOS*** Michael (C1) Ethane (C2) Phypane (C3) Butanes (C4) Pertaines (C5) Butanes (C4) Pertaines (C5) Settzene Nitecanes (C6) Other hearines (C6) Other hearines (C7) Ethylorostanes (C7) Ethylorostanes (C7) Other Other (C7) Oth	"mote % 0.0000 0.0000 1.2820 0.12820 0.0000 1.77.1440 0.0000 1.77.340 0.7660 0.0000 0.0000 0.0000 0.0000 0.0000	Molecular Weight (grams/mole, Ib/Ib-mol) 2.01588 4.0026 28.01540 4.00560 34.01588 16.04246 30.08904 44.09902 55.1220 77.14876 78.11000 66.10000 92.140000 100.20000 116.370000 116.370000 116.370000 118.32000 118.32000	grams per 100 moles of gas 0.00 0.00 35.91 6.43 0.00 1237.58 354.30 245.70 157.92 50.94 0.00 0.00 0.00 0.00 0.00 0.00 0.00	weight % 0.000 0.000 1.674 0.300 9.7702 16.519 11.456 7.363 2.375 0.0000 0.000	Total Event Release Amount (bbs) 0.00 0.00 277-44 48.57 0.00 9354.08 2677.96 1857.10 1193.00 3855.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	Total Release Amount 24-hr period (bas) 0.00 271-44 48.57 0.304 08 2877-86 1857-10 1938-0 385.00 0.00	(Ba) 0.00 0.00 111.31 2.02 0.00 1889.75 111.58 111.58 149.73 16.04 0.00 0.00 0.00 0.00 0.00 0.00	Total Event Tank Emissions (Iba)	Total Event Dehy Emissions (Ibs)	Gas+Tank Vapors) 0.00 0.00 271.44 48.57 0.00 934.08 2677.96 1857.10 1193.80 3856.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	24-hr (Na) for TX Reporting NA S000 NA NA S000 S000	(Ibs) for NRC Reporting NA NA NA NA NA 100 NA NA 100 NA NA NA NA NA NA NA NA NA	Report to TCEQ	
Component Phydrogen Hellum Nitrogen CO2 FGS** Methane (C1) Ethane (C2) Propane (C3) Butnes (C4) Pertatines (C5) Berrzane N-hecanes (C5) Berrzane N-hecanes (C6) Other hecanes (C6) Other hecanes (C7) Cother otherane (C7) Cother otherane (C8) Nonanes (D8) Decanes plus (C10+) Totals: VOC (Non-methane, Non-ethane hydrocarbo	"mote % 0.0000 0.0000 1.2820 0.12820 0.0000 1.77.1440 0.0000 1.77.340 0.7660 0.0000 0.0000 0.0000 0.0000 0.0000	Molecular Weight (grams/mole, Ib/Ib-mol) 2.01588 4.0026 28.01540 4.00560 34.01588 16.04246 30.08904 44.09902 55.1220 77.14876 78.11000 66.10000 92.140000 100.20000 116.370000 116.370000 116.370000 118.32000 118.32000	grams per 100 moles of gas 0.00 0.00 35.91 6.43 0.00 1237.58 354.30 245.70 157.92 50.94 0.00 0.00 0.00 0.00 0.00 0.00 0.00	weight % 0.000 0.000 1.674 0.300 0.000 57.702 18.519 11.456 7.363 2.376 0.000	Total Event Release Amount (Ibs) 0.00 0.00 271.44 48.57 0.00 9354.08 2677.96 1897.10 1193.60 385.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Total Release Amount 24-hr period (0x0) 0.00 271-144 4.0.50 9.354 08 9.354 08 9.354 08 9.355 00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	(Ba) 0.00 0.00 111.31 2.02 0.00 1889.75 111.58 111.58 149.73 16.04 0.00 0.00 0.00 0.00 0.00 0.00	Total Event Tank Emissions (Iba)	Total Event Dehy Emissions (ba)	Gas+Tank Vapors) 0.00 0.00 271.44 48.57 0.00 9354.08 2677.96 1195.710 1193.60 0.00 0.00 0.00 0.00 0.00 0.00 0.00	24-hr (ba) for TX Reporting NA NA NA NA S000 NA NA S000 NA S000 S000	(bs) for NRC Reporting NA NA NA NA NA NA NA NA 100 NA NA NA NA NA NA NA NA NA	Report to TCEQ	
Component Plydrogen Hellium Nitrogen CO2 H2S** Methane (C1) Ethane (C2) Propare (C3) Butnes (C4) Perstanes (C5) Bertzene Nitrogen CO5 Bortzene Nitrogene CO5 Derit Resines (C6) Other hesanes (C6) Other hesanes (C6) Other hesanes (C6) Other cotaines (C7) Ethyleenzene* Xylenes (C9) Decanes plus (C10*) VOC (Non-methane, Non-ethane hydrocarb VOC content of total sample VOC weepth's *	"mote % 0.0000 0.0000 1.2820 0.1460 0.0000 1.2820 0.0000 1.77.1440 11.7830 5.5720 2.7170 0.7060 0.0000 0.0000 0.0000 0.00000 0.00000 100.00000 100.00000 100.00000 100.00000	Molecular Weight (grams/mole, Ib/Ib-mol) 2.01588 4.0026 28.01540 4.00560 34.01588 16.04246 30.08904 44.09902 55.1220 77.14876 78.11000 66.10000 92.140000 100.20000 116.370000 116.370000 116.370000 118.32000 118.32000	grams per 100 moles of gas 0.00 0.00 0.00 18.9 91 0.43 0.00 1227.58 364.50 1247.72 2497.72 2497.72 2497.72 0.00 0.00 0.00 0.00 0.00 0.00 0.00	weight % 0.000 0.000 1.074 0.000 97.702 97.702 16.519 11.466 12.255 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000	Total Event Release Amount (Ibbs) 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	Total Release Amount 24-hr period (0x0) 0.00 0.00 271-144 45.57 9.5847.96 1857.90 1857.90 1857.90 0.00 0.00 0.00 0.00 0.00 0.00 0.00	(Ba) 0.00 0.00 111.31 2.02 0.00 1889.75 111.58 111.58 149.73 16.04 0.00 0.00 0.00 0.00 0.00 0.00	Total Event Tank Emissions (Iba)	Total Event Deity Emissions (fbe)	Gas+Tank Vapors) 0.00 0.00 271.44 48.57 0.00 6354.08 2677.96 1193.60 1857.10 1193.60 0.00 0.00 0.00 0.00 0.00 0.00 0.00	24-hr (ba) for TX Reporting NA NA NA S000 NA	(Ibs) for NRC Reporting NA NA NA NA NA NA 100 NA NA NA NA NA 100 NA	Report to TCEQ	
Component Piydrogen Hellum Nitrogen CO2 FOS** Whither (C1) Ethane (C2) Phoppine (C3) Buffares (C3) Perstanes (C5) Senzione Whestane (C5) Senzione Whestane (C5) Gome Headines (C6) Tolluten Other hepdranes (C7) Ethylwenzener Wygenes (Cn, n, p)* Other cottanes (C8) Norannes (C9) Decames plus (C10+) VOC (Non-methane, Non-ethane hydrocarb- VOC (Coorter) foldel sample	"mote % 0.0000 0.0000 1.2820 0.1460 0.0000 1.77.1440 11.7830 15.5720 2.7170 0.7060 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Molecular Weight (grams/mole, Ib/Ib-mol) 2.01588 4.0026 28.01540 4.00560 34.01588 16.04246 30.08904 44.09902 55.1220 77.14876 78.11000 66.10000 92.140000 100.20000 116.370000 116.370000 116.370000 118.32000 118.32000	grams per 100 moles of gas 0.00 0.00 35.91 6.43 0.00 1237.58 354.30 245.70 157.92 50.94 0.00 0.00 0.00 0.00 0.00 0.00 0.00	weight % 0.000 0.000 1.674 0.300 0.000 57.702 18.519 11.456 7.383 2.375 0.000	Total Event Release Amount (Ibs) 0.00 0.00 0.00 271.44 48.57 0.00 9354.08 1857.10 1193.60 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Total Release Amount 24-hr period (bas) 0.00 0.00 0.00 271-144 48.57 0.00 9354.08 1857.10 1193.60 385.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	(Ba) 0.00 0.00 111.31 2.02 0.00 1889.75 111.58 111.58 149.73 16.04 0.00 0.00 0.00 0.00 0.00 0.00	Total Event Tank Emissions (Iba)	Total Event Dehy Emissions (ba)	Gas+Tank Vapors) 0.00 0.00 271.44 48.57 0.00 9384.08 9384.08 2877.96 1857.10 1193.00 385.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	24-hr (hs) for TX Reporting NA NA NA NA 100 NA NA 100 NA 5000 NA 5000 100 100 100 100 100 100 100 100 10	(Ibs) for NRC Reporting NA NA NA NA NA NA NA NA NA N	Report to TCEQ	
Component Phylingen Hellum Nillogen CO2 FGS** Methane (C1) Ethane (C2) Phypane (C3) Butanes (C3) Butanes (C3) Butanes (C3) Butanes (C5) Bernzene N-hacene (C6) Other hosenes (C6) Other hosenes (C7) Ethylhenzene' Xylenes (C7) Decames plus (C10) Content (C3) Norunes (C3) VOC (Non-methane, Non-ethane hydrocarb VOC (Non-methane, Non-ethane hydrocarb VOC weight's = VOC weight's and VOC weight's = VOC weight's and VO	"mote % 0.0000 0.0000 1.2820 0.1460 0.0000 1.2820 0.0000 1.77.1440 11.7830 5.5720 2.7170 0.7060 0.0000 0.0000 0.0000 0.00000 0.00000 100.00000 100.00000 100.00000 100.00000	Molecular Weight (grams/mole, Ib/Ib-mol) 2.01588 4.0026 28.01540 4.00560 34.01588 16.04246 30.08904 44.09902 55.1220 77.14876 78.11000 66.10000 92.140000 100.20000 116.370000 116.370000 116.370000 118.32000 118.32000	grams per 100 moles of gas 0.00 0.00 0.00 18.9 91 0.43 0.00 1227.58 364.50 1247.72 2497.72 2497.72 2497.72 0.00 0.00 0.00 0.00 0.00 0.00 0.00	weight % 0.000 0.000 1.674 0.300 0.000 57.702 16.519 11.456 7.363 2.375 0.000	Total Event Release Amount (lbs) 0.00 0.00 0.00 271-44 48.57 0.00 9354.08 1857.10 1193.80 385.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Total Release Amount 24-hr period (0.00) 0.00 0.00 271-44 45.57 45.57 9.354 08 9.354 08 9.354 08 9.354 08 9.350 00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	(Ba) 0.00 0.00 111.31 2.02 0.00 1889.75 111.58 111.58 149.73 16.04 0.00 0.00 0.00 0.00 0.00 0.00	Total Event Tank Emissions (Iba)	Total Event Deity Emissions (fbe)	Gas+Tank Vapors) 0.00 0.00 271.44 48.57 0.00 9354.08 2677.96 1195.710 1193.60 0.00 0.00 0.00 0.00 0.00 0.00 0.00	24-hr (hs) for TX Reporting NA NA NA NA S000 NA 100 NA S000 100 S000 100 100 100 100 1000 100	(bs) for NRC Reporting NA NA NA NA NA 100 NA NA NA NA NA NA NA NA NA	Report to TCEQ	
Component Phylorogen Hellum Hellum Nitrogen CO2 HOS**	"mote % 0.0000 1.2820 0.0000 1.2820 0.0000 1.2820 0.0000 1.77.1440 11.7830 5.5720 2.7170 0.7660 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	Molecular Weight (grams/mole, Ib/Ib-mol) 2.01588 4.0026 28.01540 4.00560 34.01588 16.04246 30.08904 44.09902 55.1220 77.14876 78.11000 66.10000 92.140000 100.20000 116.370000 116.370000 116.370000 118.32000 118.32000	grams per 100 moles of gas 0.00 0.00 35.91 6.43 0.00 1227.58 354.30 245.70 157.92 50.94 0.00 0.00 0.00 0.00 0.00 0.00 0.00	weight % 0.000 0.000 1.674 0.300 0.000 57.702 16.519 11.456 7.363 2.375 0.000	Total Event Release Amount (bbs) 0.00 0.00 0.00 277-44 48.57 0.00 6394.08 1857.19 1193.60 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Total Release Amount 24-hr period (100) 271-144 40.57 0.354.08 2367.08 1857.10 1857.10 0.00 0.00 0.00 0.00 0.00 0.00 0.00	(Ba) 0.00 0.00 111.31 2.02 0.00 1889.75 111.58 111.58 149.73 16.04 0.00 0.00 0.00 0.00 0.00 0.00	Total Event Tank Emissions (Iba)	Total Event Deity Emissions (fbe)	Gas+Tank Vapors) 0.00 0.00 271.44 48.57 0.00 934.08 2677.96 1187.10 1193.80 385.00 0.00 0.00 427.40 0.00 0.00 0.00 0.00 0.00 0.00 0.00	24-hr (Na) for TX Reporting NA	(Ibs) for NRC Reporting NA NA NA NA NA NA 100 NA NA NA NA NA 100 NA	Report to TCEQ	
Component Phylingen Hellum Nillogen CO2 FGS** Methane (C1) Ethane (C2) Phypane (C3) Butanes (C3) Butanes (C3) Butanes (C3) Butanes (C5) Bernzene N-hacene (C6) Other hosenes (C6) Other hosenes (C7) Ethylhenzene' Xylenes (C7) Decames plus (C10) Content (C3) Norunes (C3) VOC (Non-methane, Non-ethane hydrocarb VOC (Non-methane, Non-ethane hydrocarb VOC weight's = VOC weight's and VOC weight's = VOC weight's and VO	"mote % 0.0000 0.0000 1.2820 0.1460 0.0000 1.77.1440 11.7830 5.5720 2.7170 0.6500 0.0000 0.0000 0.0000 0.0000 0.0000 10.0000 10.0000 10.0000	Molecular Weight (grams/mole, Ib/Ib-mol) 2.01588 4.0026 28.01540 4.00560 34.01588 16.04246 30.08904 44.09902 55.1220 77.14876 78.11000 66.10000 92.140000 100.20000 116.370000 116.370000 116.370000 118.32000 118.32000	grams per 100 moles of gas 0.00 0.00 35.91 6.43 0.00 1227.58 354.30 245.70 157.92 50.94 0.00 0.00 0.00 0.00 0.00 0.00 0.00	weight % 0.000 0.000 1.674 0.300 0.000 57.702 16.519 11.456 7.363 2.375 0.000	Total Event Release Amount (lbs) 0.00 0.00 0.00 271-44 48.57 0.00 9354.08 1857.10 1193.80 385.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Total Release Amount 24-hr period (100) 271-144 40.57 0.354.08 2367.08 1857.10 1857.10 0.00 0.00 0.00 0.00 0.00 0.00 0.00	(Ba) 0.00 0.00 111.31 2.02 0.00 1889.75 111.58 111.58 149.73 16.04 0.00 0.00 0.00 0.00 0.00 0.00	Total Event Tank Emissions (Iba)	Total Event Deity Emissions (fbe)	Gas+Tank Vapors) 0.00 0.00 271.44 48.57 0.00 9354.08 2677.96 1195.710 1193.60 0.00 0.00 0.00 0.00 0.00 0.00 0.00	24-hr (hs) for TX Reporting NA NA NA NA S000 NA 100 NA S000 100 S000 100 100 100 100 1000 100	(bs) for NRC Reporting NA NA NA NA NA 100 NA NA NA NA NA NA NA NA NA	Report to TCEQ	

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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**

DEFINITIONS

Action 106237

DEFINITIONS

Operator:	OGRID:
CIMAREX ENERGY CO.	215099
600 N. Marienfeld Street	Action Number:
Midland, TX 79701	106237
	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.

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

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

QUESTIONS

Action 106237

Phone:(505) 476-3470 Fax:(505) 476-3462		
Ω	UESTIONS	
Operator:	0_01.01.0	OGRID:
CIMAREX ENERGY CO.		215099
600 N. Marienfeld Street Midland, TX 79701		Action Number: 106237
		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 wi	th the rest of the questions.
Incident Well	Not answered.	
Incident Facility	[fAPP2201752272] COTTO	DNWOOD HILLS 32
Determination of Depositing Descriptoments		
Determination of Reporting Requirements		
Answer all questions that apply. The Reason(s) statements are calculated based on your answers at Was this vent or flare caused by an emergency or malfunction	Yes	s.
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	floring of natural gas
To the considered a caphinosism for a volte of hard coveri	res, minor venting and/or	namy or natural gas.
An operator shall file a form C-141 instead of a form C-129 for a release that, includes liquid during v		y 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	1	
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. Methons (CHA) percentage	77	
Methane (CH4) percentage	77	
Nitrogen (N2) 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 spec	ifications 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.	

<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

1000 Rio Brazos Rd., Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

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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**

QUESTIONS, Page 2

Action 106237

QUESTI	ONS (continued)
Operator: CIMAREX ENERGY CO.	OGRID: 215099
600 N. Marienfeld Street	Action Number:
Midland, TX 79701	106237
	Action Type: [C-129] Venting and/or Flaring (C-129)
QUESTIONS	
Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/29/2022
Time vent or flare was discovered or commenced	11:00 AM
Time vent or flare was terminated	11:00 AM
Cumulative hours during this event	24
Measured or Estimated Volume of Vented or Flared Natural Gas	
	Company Series and Ser
Natural Gas Vented (Mcf) Details	Cause: Equipment Failure Dump Valve Natural Gas Vented Released: 283 Mcf Recovered: 0 Mcf Lost: 283 Mcf]
Natural Gas Flared (Mcf) Details	Not answered.
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	
	Τ.,.
Was this vent or flare a result of downstream activity	No .
Was notification of downstream activity received by this operator Downstream OGRID that should have notified this operator	Not answered.
Date notified of downstream activity requiring this vent or flare	Not answered.
Time notified of downstream activity requiring this vent or flare	Not answered.
Time notified of downstream activity requiring this vent of 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
and it was beyond this operator's control.	
Please explain reason for why this event was beyond this operator's control	Water dump hung open.
Steps taken to limit the duration and magnitude of vent or flare	Made adjustments to dump valve.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Routine maintenance.

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ACKNOWLEDGMENTS

Action 106237

ACKNOWLEDGMENTS

Operator:	OGRID:
CIMAREX ENERGY CO.	215099
600 N. Marienfeld Street	Action Number:
Midland, TX 79701	106237
	Action Type:
	[C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

V	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.
V	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.
V	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.
V	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.
V	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 106237

CONDITIONS

Operator:	OGRID:
CIMAREX ENERGY CO.	215099
600 N. Marienfeld Street	Action Number:
Midland, TX 79701	106237
	Action Type:
	[C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
bgordon01	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.	5/12/2022