LEPC Address:

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Page 1 of 9

unknown

FAX To: Regional Environmental Department 111-111-1111

SERC/LEPC Notification For	m
----------------------------	---

Facility Name:

Eunice PL/Gathering (NM)

Date: 1/27/2023 2:09 PM County:

Lea

Event GPS Coordinates: 32.1374383, -103.7149729

Driving Directions:

Updated Report

Final Report

Type of Incident: Maintenance Release Occurred Air Release Type: Flared

Started On: 1/20/2023 7:00 PM Ended On: 1/21/2023 1:24 PM Discovered On: 1/20/2023 7:00 PM

Event Duration: 1104 Minutes

Material Released:

Material Composition:

Pentane 0.4434%, Ethane 9.8892%, Methane 65.0288%, Heptane 0.1737%, Propane 5.5935%, Carbon Dioxide 13.8646%, n-Octane 0.0817%, Isopentane 0.4074%, Hexane 0.2843%, Nitrogen 1.9171%, n-Nonane 0.0189%, Isobutane 0.6409%, Butane 1.6565%,

Calculations:

Compound Calculation Used to Obtain Released Amount

Nitrogen Dioxide: 3276000 {scf/event} * 1097.19845611304 {MMbtu/scf} * 0.138 {lb/MMbtu} * 0.05 Nitrogen Dioxide: 3276000 {scf/event} * 1097.19845611304 {MMbtu/scf} * 0.138 {lb/MMbtu} * 0.05

Pentane: 3276000 {scf/event} * 0.004434 {mole fraction} * 72.1488 {lb/lb-mole} * {1 - 95} / 379.3 {scf/lb-mole} Heptane: 3276000 {scf/event} * 0.001737 {mole fraction} * 100.2019 {lb/lb-mole} * {1 - 95} / 379.3 {scf/lb-mole} Propane: 3276000 {scf/event} * 0.055935 {mole fraction} * 44.0956 {lb/lb-mole} * {1 - 95} / 379.3 {scf/lb-mole}

n-Octane: 3276000 {scf/event} * 0.000817000000000001 {mole fraction} * 114.2285 {lb/lb-mole} * {1 - 95} / 379.3 {scf/lb-mole}

Isopentane: 3276000 {scf/event} * 0.004074 {mole fraction} * 72.1488 {lb/lb-mole} * {1 - 95} / 379.3 {scf/lb-mole} Hexane: 3276000 {scf/event} * 0.002843 {mole fraction} * 86.1754 {lb/lb-mole} * {1 - 95} / 379.3 {scf/lb-mole} n-Nonane: 3276000 {scf/event} * 0.000189 {mole fraction} * 128.2551 {lb/lb-mole} * {1 - 95} / 379.3 {scf/lb-mole} Isobutane: 3276000 {scf/event} * 0.006409 {mole fraction} * 58.1222 {lb/lb-mole} * {1 - 95} / 379.3 {scf/lb-mole} Butane: 3276000 {scf/event} * 0.016565 {mole fraction} * 58.1222 {lb/lb-mole} * {1 - 95} / 379.3 {scf/lb-mole}

Nitrogen Oxides: 3276000 {scf/event} * 1097.19845611304 {MMbtu/scf} * 0.138 {lb/MMbtu} Carbon Monoxide: 3276000 {scf/event} * 1097.19845611304 {MMbtu/scf} * 0.2755 {lb/MMbtu}

Ethane: 3276000 {scf/event} * 0.098892 {mole fraction} * 30.069 {lb/lb-mole} * {1 - 95} / 379.3 {scf/lb-mole} Nitrogen: 3276000 {scf/event} * 0.019171 {mole fraction} * 28.0134 {lb/lb-mole} * {1 - 95} / 379.3 {scf/lb-mole}

Violations:

Known or anticipated acute or chronic health risks associated with the emergency:

Medical attention advised for exposed individuals:

Cause of the upset:

pull down pressure to pull in pig

Actions taken to correct the upset and minimize emissions:

relieved pressure

Precautions taken as a result of the release:

A. Al Number	N. Failure Pt No: O. Failure Pt. Description:				
	Portable Flare/Combustion Control Device				
A. NOx:	B. SO2:	C. CO:	D. PM:	E. VOC:	F. H2S:
496.03 lb	0 lb	990.26 lb	D. PIVI:	2138.62 lb	0 lb
Vol=3276 mscf/event					
<i>,</i>					

SERC Email
Notification:

LEPC Email
Notification:

| Velasquez@leacounty.net |

Pipeline Flaring Event Emission Estimator for SO2

Location	10200 line
Liquid Fraction Estimate	60%
Gas Fraction	40%
Pipeline Length (miles)	6
Pipe OUTSIDE Diameter	12.75
Wall Thickness	0.688
Pipe ID	11.374
Pipe Volume (cubic ft)	22,353
Operating Pressure Prior to First Blowdown	540
Pressure After First Blowdown	500
Pressure Maintained During Pig Run	575

Displacement Swept to Flare

LIQUID
GAS
Gas @ STP

Cubic Feet
13,412
8,941
SFC

Gallons
100,321 NA

Barrels
2,389 NA

3,155

3,276

Beau (South Field), 10200 Line

Liquid Relative Density 0.5999
Mass of Liquid (lb) 501,922
Moles of Liquid 8,151
Equivalent Gas Volume (Vaporized Liquid) Cu Ft 3,154,590
MCF Flared (Vaporized Liquids)
MCF Flared (Displaced Gas in Pipeline @ downstream pressure)
TOTAL MCF FLARED (Liquid + Gas)

SO2 Emission Estimate			
	LIQUID	GAS	BOTH
Mass Elemental Sulfur (lb)	150		
Moles Elemental Sulfur	4.7	15.9	20.6
122 MASS OF SO2 RELEASED DURIN	IG EVENT (lb)		60.6

Event #1 21-Jan
Location Beau (South Field), 10200 Line
Operating Pressure Prior to First Blowdown
Pressure After First Blowdown 500
Pressure Maintained During Pig Run 575
Assumed Pressure (Pig to Flare) 200

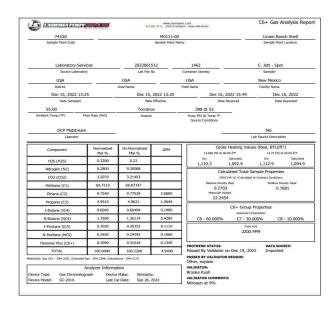
Event #1 24-Jan

Operating Pressure Prior to First Blowdown575Pressure After Blowdown500Pressure Maintained During Pig Run575Assumed Pressure (Pig to Flare)200

Location

Assumed Estimate for GAS sent to Flare

Shell 12 Gas /	Analysis	Fraction		Normalized	Molecular	MW of
	Mole %	Stripped	Remaining	Mole %	Weight	Mixture
H2S	0.22	0%	0.22	0.690	34	0.23464
N2	9.28	0%	9.28	29.110	28	8.15082
CO2	3.207	0%	3.207	10.060	44	4.42636
C1	69.721	90%	6.9721	21.871	16	3.49928
C2	9.754	50%	4.877	15.298	30	4.58954
C3	4.951	10%	4.4559	13.978	44	6.15012
iC4	0.604	0%	0.604	1.895	58	1.09891
C4	1.358	0%	1.358	4.260	58	2.47072
	0.303	0%	0.303	0.950	72	0.68434
C5	0.293	0%	0.293	0.919	72	0.66175
C6+	0.309	0%	0.309	0.969	86	0.83359
	100		31.879	100		32.8



11850L	number of the second	LRP Inlet Slug Catcher				RP Inlet Slug Catcher
Sample Point Code			Sample Point Na			Sample Point Location
Laboratory Servi	ces	202104	4140	6	D An	mstrong - Spot
Source Laborator	,	Lab File	No	Container Identity		Sampler
USA		USA	_	USA		ew Mexico
District		Area Name		Field Name		acity Name
Jul 29, 2021 13:35	5		2021 13:35		021 14:54	Jul 29, 2021
Date Sampled		Da	te Effective	Detre 8	eceived	Date Reported
91.00		BH				
Ambient Temp (*F) Flo	ow Rate (Mcf)	Analy	st.	Press PSE (8 Temp *F Source Conditions		
				source Conditions		
DCP Midstream	<u> </u>					d Liquid Analysis
Operator					Lab Sc	surce Description
	1.0000.00	Lancing Lancing	212022000	Gros	s Heating Values I	@ 14.73 PSI
Component	Mol %	Mass %	Liquid %	STUR!	BTU/Gai	ятцю
Nitrogen (N2)	0.1300	0.0590	0.0440	3,387.8	67888.1	20831.0
Carbon Dioxide (CO2)	0.8070	0.5770	0.4240		lated Total Samp	
Methane (C1)	8.0880	2.1070	4.2150	Relative Density	145-16 "Calculated at Co Absolute Density (Ib	
Ethane (C2)	8.5080	4.1550	6.9950	0.5999	3.259	104.4
Propane (C3)	16.4230	11.7610	13.9100	Molecular Weight	Vapor Volume (R1)	
Isobutane (IC4)	4.6180	4.3590	4.6460	61.5750	20.039	518.3
n-Butane (NC4)	17.0650	16.1080	16.5390	G to G	Ratios	C02 to C2
Isopentane (ICS)	8.6570	10.1440	9.7330	37.6:1		5.72:1
n-Pentane (NCS)	9.5150	11.1490	10.6030			
2-methylpentane (2MCS)	2.7520	3.8520	3.5120	4.0	C6+ Group Prop Assumed Composi	
3-methylpentane (3MCS)	1.7880	2.5030	2.2440	C6 - 36.233%	C7 - 40.8479	
Benzene	1,4220	1.8040	1.2230		Feld H25	CD - 22.320.0
Ethylbenzene	0.1530	0.2640	0.1820		0 PPM	
M + P Xylenes	0.1970	0.3640	0.2650			
O-Xylene	0.0690	0.1190	0.0810	PROTREND STATUS: Passed By Validator of	m Aven 4 3071	DATA SOURCE: Imported
Toluene	1.1880	1.7780	1.2230	Passed by Validator of		imported
Hexanes (C6's)	4.9530	6.7830	6.0550	Close enough to be o		ble.
Heptanes (C7's)	9.2740	14.0200	11.5730	VALIDATOR: Dustin Armstrong		
Octanes (C8's)	3,4890	6.2620	5.1070	VALIDATOR COMMENTS	a .	
Nonanes (C9's)	0.6290	1.2300	0.9720	ок		
Decanes (C10's)	0.1830	0.3920	0.2990			
Undecanes (C11's)	0.0720	0.1550	0.1110			
Dodecanes (C12's)	0.0200	0.0550	0.0440			
TOTAL	100.0000	100.0000	100,0000	_		

PARTITION TO THE	THE STATE OF THE S			Speciated Sulfur	Analysis Repor
	414044	Permian L	ab Services		
11850L		LRP Inlet	Slug Catcher	LRP Inle	t Slug Catcher
Sample Point Code			Point Name	Sample	Point Location
Associated Well Location	GR Elev(ft)	KB Bev(ft)	License #	Pool/Zone	
Laboratory Services		2021044141	Cylinder	D Armstron	in.
Source Laboratory		Lab File No	Container Identity	Sampler	-
USA	US	4	USA	New Mexic	n
District	Area N		Field Name	Facility Nam	
DCP Midstream			1.120.2021	Jul 29, 2021	Jul 30, 2021
DCP Midstream Operator		Analyst	Jul 29, 2021 Date Sampled	Jul 29, 2021	Date Reported
Operator		Analysi.	Date sampled	Date Received	Date Reported
			Press PSI @ Temp *F		
			Source Conditions		
	M let	Well I	Name	Lab Source Desc	iption
SULFIDES	PPMV	Grains / 100 cu.ft	MERCAPTANS	PPMV	Grains / 100 co
Hydrogen	545.7	32.252	Methyl	5.5	0.3
Carbonyl	19.9	1.176	Ethyl	16.6	0.9
Dimethyl	3.3	0.193	Isopropyl	20.7	1.2
Methyl Ethyl	2.5	0.225	n-Propyl	7.7	0.4
Diethyl Di-iso-Propyl	N/D	N/D	Isobutyl	N/D	1
Di-n-propyl	N/D	N/D	sec-Butyl	N/D	1
Di-iso-Butyl	N/D	N/D	tert-Butyl	6.2	0.3
Di-sec-Butyl	N/D	N/D	n-Butvl	< 0.5	<
Di-tert-Butyl	N/D	N/D	Isoamyl	N/D	,
Di-n-Butyl	N/D	N/D	pri-Amyl	N/D	
Unknown	N/D	N/D	n-Amyl	N/D	
DISULFIDES	PPMV	Grains / 100 cu.ft	OTHER	PPMV	Grains / 100 c
Carbon	2.3	0.136	Misc. Sulfurs	2.3	0.1
Dimethyl	4.2	0.246	Thiophene	5.3	0.3
Methyl Ethyl	N/D	N/D	Thiophane	N/D	1
Diethyl	N/D	N/D			
Di-iso-Propyl	N/D	N/D			
Di-n-Propyl	N/D	N/D			
Di-iso-Butyl	N/D	N/D			
Di-sec-Butyl	N/D	N/D			
Di-tert-Butyl	N/D	N/D			
Di-n-Butyl	N/D	N/D			
Unknown	N/D	N/D			
Total Sulfur	561.3 PP	MV S			
Odorant Concentration	33.174	Grains/100 cu.ft			
32.337 PPMV		1.911 Grains/100	ou.ft		

District I
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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 180385

DEFINITIONS

Operator:	OGRID:
DCP OPERATING COMPANY, LP	36785
6900 E. Layton Ave	Action Number:
Denver, CO 80237	180385
	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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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS

Action 180385

Ω	UESTIONS	
Operator:	020110110	OGRID:
DCP OPERATING COMPANY, LP		36785
6900 E. Layton Ave Denver, CO 80237		Action Number: 180385
		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 t	these issues before continuing wit	th the rest of the questions.
Incident Well	Unavailable.	
Incident Facility	[fGRL1002250458] Cotton	Draw Pipeline/Line # 10200
Determination of Reporting Requirements		
Answer all questions that apply. The Reason(s) statements are calculated based on your answers ar	nd 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, major 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 v	enting 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.	0.5	
Methane (CH4) percentage	65	
Nitrogen (N2) percentage, if greater than one percent	2	
Hydrogen Sulfide (H2S) PPM, rounded up	0	
Carbon Dioxide (C02) percentage, if greater than one percent	14	
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.	

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

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

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, Page 2

Action 180385

QUESTI	ONS (continued)		
Operator:	OGRID:		
DCP OPERATING COMPANY, LP 6900 E. Layton Ave	36785 Action Number:		
Denver, CO 80237	180385		
	Action Type: [C-129] Venting and/or Flaring (C-129)		
QUESTIONS	•		
Date(s) and Time(s)			
Date vent or flare was discovered or commenced	01/20/2023		
Time vent or flare was discovered or commenced	07:00 PM		
Time vent or flare was terminated	11:59 PM		
Cumulative hours during this event	18		
Measured or Estimated Volume of Vented or Flared Natural Gas			
Natural Gas Vented (Mcf) Details	Not answered.		
Natural Gas Flared (Mcf) Details	Cause: Other Pipeline (Any) Natural Gas Flared Released: 3,276 Mcf Recovered: 0 Mcf Lost: 3,276 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	Mr.		
Was notification of downstream activity received by this operator	No Not answered.		
Downstream OGRID that should have notified this operator	Not answered. Not answered.		
Date notified of downstream activity requiring this vent or flare	Not answered. Not answered.		
Time notified of downstream activity requiring this vent or flare	Not answered.		
7 1 0	1 1111111111111111111111111111111111111		
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	line became flooded with liquids and had to be pigged		
Steps taken to limit the duration and magnitude of vent or flare	a portable flare was utilized		
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	a portable flare was utilized		

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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**

ACKNOWLEDGMENTS

Action 180385

ACKNOWLEDGMENTS

Operator:	OGRID:
DCP OPERATING COMPANY, LP	36785
6900 E. Layton Ave	Action Number:
Denver, CO 80237	180385
	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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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 180385

CONDITIONS

Operator:	OGRID:
DCP OPERATING COMPANY, LP	36785
6900 E. Layton Ave	Action Number:
Denver, CO 80237	180385
	Action Type:
	[C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
nlcase	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.	1/27/2023