



SERC Address:
13 Bataan Blvd Santa Fe, NM 87508

LEPC Address:
unknown

FAX To: Regional Environmental Department 111-111-1111

SERC/LEPC Notification Form

Facility Name:	South Carlsbad Booster	Date:	2/16/2023 11:20 AM	County:	EDDY
Location:	Event GPS Coordinates: 32.3144, -104.2356 Driving Directions: (Lat: 32.3144, Long: -104.2356); From the intersection of US-285 (Canal St) & US-180 (Greene St) located on the east side of Carlsbad NM, drive 2 miles S on Canal St, bear right (SW) and drive 5.4 miles on National Parks Hwy (US-180), turn E and drive 1.4 miles on Hanson Rd, turn S and drive 0.4 mile on Etcneverry Rd to a fork with an Access Rd on the left, bear left (SE) and drive 280 yards on the Access Rd to the Compressor Station.				
				☒ Initial Report ☐ Updated Report ☐ Final Report	

Type of Incident:	Upset	Release Occurred To:	Air	Release Type:	Vented
Started On:	2/15/2023 12:15 PM	Ended On:	2/15/2023 12:55 PM	Discovered On:	2/15/2023 12:15 PM

Event Duration:

40 Minutes

Material Released:

Material Composition:

Pentane 0.0508%, Ethane 3.2937%, Methane 94.0773%, Heptane 0.0501%, Propane 0.7025%, Carbon Dioxide 0.8023%, n-Octane 0.0423%, Isopentane 0.0683%, Hexane 0.06%, Nitrogen 0.5456%, n-Nonane 0.0158%, Isobutane 0.1282%, Butane 0.1631%,

Calculations:

Compound Calculation Used to Obtain Released Amount

Pentane: $133000 \text{ {scf/event}} \times 0.000508 \text{ {mole fraction}} \times 72.1488 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$
 Heptane: $133000 \text{ {scf/event}} \times 0.000501 \text{ {mole fraction}} \times 100.2019 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$
 Propane: $133000 \text{ {scf/event}} \times 0.007025 \text{ {mole fraction}} \times 44.0956 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$
 n-Octane: $133000 \text{ {scf/event}} \times 0.000423 \text{ {mole fraction}} \times 114.2285 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$
 Isopentane: $133000 \text{ {scf/event}} \times 0.000683 \text{ {mole fraction}} \times 72.1488 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$
 Hexane: $133000 \text{ {scf/event}} \times 0.0006 \text{ {mole fraction}} \times 86.1754 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$
 n-Nonane: $133000 \text{ {scf/event}} \times 0.000158 \text{ {mole fraction}} \times 128.2551 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$
 Isobutane: $133000 \text{ {scf/event}} \times 0.001282 \text{ {mole fraction}} \times 58.1222 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$
 Butane: $133000 \text{ {scf/event}} \times 0.001631 \text{ {mole fraction}} \times 58.1222 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$
 Ethane: $133000 \text{ {scf/event}} \times 0.032937 \text{ {mole fraction}} \times 30.069 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$
 Nitrogen: $133000 \text{ {scf/event}} \times 0.005456 \text{ {mole fraction}} \times 28.0134 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$

Violations:

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

Medical attention advised for exposed individuals:

Cause of the upset:

the unit was down and the 450 psi PSV intermittently pooped off to relieve pressure and protect the equipment. third party reported the event to ops

Actions taken to correct the upset and minimize emissions:

ops restarted the unit

Precautions taken as a result of the release:

A. AI Number	N. Failure Pt No: O. Failure Pt. Description:				
237	Compressor (C-EQPT1)				
A. NOx:	B. SO2:	C. CO:	D. PM:	E. VOC:	F. H2S:
0 lb	0 lb	0 lb		257.9 lb	0 lb
Vol=133 mscf/event					

SERC Email Notification:	henry.jolly@state.nm.us	LEPC Email Notification:	jarmendariz@eddyoem.com
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	Round Hole		Pipe Data	Rip or Gouge
Diameter of hole =	1.43	inches	OD of Pipe =	3
Average Pressure =	450	psig	Wall Thickness	0.154
Specific Gravity =	0.75			
Atmos. Pressure =	14			
Gas Temperature F =	60			
Leak Time =	0	Hours	10	Minutes
Gas Loss in CF =	133,160		471,901	
Gas Loss in MCF =	133		472	
Gas Cost per MCF =	\$1.00		\$1.00	
Cost of Gas Loss =	\$133.16		\$471.90	
Use the column with the smallest numbers				
Return				

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District III
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District IV
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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 187154

DEFINITIONS

Operator: DCP OPERATING COMPANY, LP 6900 E. Layton Ave Denver, CO 80237	OGRID: 36785
	Action Number: 187154
	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 187154

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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	[fCS00000000159] DUKE CARLSBAD CS

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	No
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	94
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	1
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 187154

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	02/15/2023
Time vent or flare was discovered or commenced	12:15 PM
Time vent or flare was terminated	12:55 PM
Cumulative hours during this event	1

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Other Gas Compressor Station Natural Gas Vented Released: 133 Mcf Recovered: 0 Mcf Lost: 133 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	
Was this vent or flare a result of downstream activity	No
Was notification of downstream activity received by this operator	Not answered.
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.

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	61745 South Carlsbad CS tripped offline and an intermittent PSV event occurred. ops arrived and restarted the equipment
Steps taken to limit the duration and magnitude of vent or flare	Ops arrived as soon as possible
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	ops restarted the affected equipment

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ACKNOWLEDGMENTS

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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
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.	2/16/2023