



SERC Address:
13 Bataan Blvd Santa Fe, NM 87508

LEPC Address: *Page 1 of 3*
unknown

FAX To: Regional Environmental Department 111-111-1111

SERC/LEPC Notification Form

Facility Name:	Strawberry Booster	Date:	9/27/2021 7:28 AM	County:	EDDY
Location:	(32.8206, -103.9365); From Loco Hills, NM, travel east on US Highway 82 E for 5.5 miles. Turn right onto County Road 222 and travel for 11.6 miles and then turnright and drive 0.5 mile. The Strawberry Booster Station will be located on the right side of the road.				<input checked="" type="checkbox"/> Initial Report <input type="checkbox"/> Updated Report <input type="checkbox"/> Final Report

Type of Incident:	Malfunction	Release Occurred To:	Air	Release Type:	Flared
Started On:	9/25/2021 10:34 PM	Ended On:	9/25/2021 10:35 PM	Discovered On:	9/25/2021 10:00 PM

Event Duration:

1 Minutes

Material Released:

Material Composition:

Pentane 0.4646%, Ethane 12.0326%, Methane 74.9645%, Heptane 0.4012%, Propane 5.7843%, Carbon Dioxide 0.3043%, n-Octane 0.161%, Isopentane 0.4424%, Hexane 0.3433%, Nitrogen 2.6121%, n-Nonane 0.0233%, Isobutane 0.7024%, Butane 1.764%,

Calculations:

Compound Calculation Used to Obtain Released Amount

Nitrogen Dioxide: $467000 \text{ {scf/event}} * 1290.29937694854 \text{ {MMbtu/scf}} * 0.136 \text{ {lb/MMbtu}} * 0.05$
 Nitrogen Dioxide: $467000 \text{ {scf/event}} * 1290.29937694854 \text{ {MMbtu/scf}} * 0.136 \text{ {lb/MMbtu}} * 0.05$
 Pentane: $467000 \text{ {scf/event}} * 0.004646 \text{ {mole fraction}} * 72.1488 \text{ {lb/lb-mole}} * \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$
 Heptane: $467000 \text{ {scf/event}} * 0.004012 \text{ {mole fraction}} * 100.2019 \text{ {lb/lb-mole}} * \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$
 Propane: $467000 \text{ {scf/event}} * 0.057843 \text{ {mole fraction}} * 44.0956 \text{ {lb/lb-mole}} * \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$
 n-Octane: $467000 \text{ {scf/event}} * 0.00161 \text{ {mole fraction}} * 114.2285 \text{ {lb/lb-mole}} * \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$
 Isopentane: $467000 \text{ {scf/event}} * 0.004424 \text{ {mole fraction}} * 72.1488 \text{ {lb/lb-mole}} * \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$
 Hexane: $467000 \text{ {scf/event}} * 0.003433 \text{ {mole fraction}} * 86.1754 \text{ {lb/lb-mole}} * \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$
 n-Nonane: $467000 \text{ {scf/event}} * 0.000233 \text{ {mole fraction}} * 128.2551 \text{ {lb/lb-mole}} * \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$
 Isobutane: $467000 \text{ {scf/event}} * 0.007024 \text{ {mole fraction}} * 58.1222 \text{ {lb/lb-mole}} * \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$
 Butane: $467000 \text{ {scf/event}} * 0.01764 \text{ {mole fraction}} * 58.1222 \text{ {lb/lb-mole}} * \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$
 Nitrogen Oxides: $467000 \text{ {scf/event}} * 1290.29937694854 \text{ {MMbtu/scf}} * 0.136 \text{ {lb/MMbtu}}$
 Carbon Monoxide: $467000 \text{ {scf/event}} * 1290.29937694854 \text{ {MMbtu/scf}} * 0.62 \text{ {lb/MMbtu}}$
 Ethane: $467000 \text{ {scf/event}} * 0.120326 \text{ {mole fraction}} * 30.069 \text{ {lb/lb-mole}} * \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$
 Nitrogen: $467000 \text{ {scf/event}} * 0.026121 \text{ {mole fraction}} * 28.0134 \text{ {lb/lb-mole}} * \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$

Violations:

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

Medical attention advised for exposed individuals:

Cause of the upset:

flared 467 mcf because we lost instrument air at site. the sullair air compressor faulted causing it not to activate. service has been scheduled. the backup air compressor did not activate until it was reset. I&E is looking into the issue to resolve it.

Actions taken to correct the upset and minimize emissions:

flared 467 mcf because we lost instrument air at site. the sullair air compressor faulted causing it not to activate. service has been scheduled. the backup air compressor did not activate until it was reset. I&E is looking into the issue to resolve it.

Precautions taken as a result of the release:

A. AI Number	N. Failure Pt No: O. Failure Pt. Description: Flare (F-1, Flare Pilot)				
A. NOx: 81.95 lb	B. SO2: 0 lb	C. CO: 373.59 lb	D. PM:	E. VOC: 136.67 lb	F. H2S: 0 lb
Vol=467 mscf/event					

SERC Email
Notification: henry.jolly@state.nm.us

LEPC Email
Notification: jarmendariz@eddyoem.com

District I1625 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**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

Action 52041

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 370 17th Street, Suite 2500 Denver, CO 80202	OGRID: 36785
	Action Number: 52041
	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	Not answered.
Incident Facility	[fAPP2123031660] DCP SE NM Gathering System

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 or is this venting and/or flaring caused by an emergency or malfunction	Yes
Did or will this venting and/or flaring last eight hours or more cumulatively within any 24-hour period from a single event	No
Is this considered a submission for a venting and/or flaring 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 or will there be at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this venting and/or flaring 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 venting and/or flaring 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	Gas Compressor Station
Additional details for Equipment Involved. Please specify	Strawberry Cs

Representative Compositional Analysis of Vented or Flared Natural Gas

Please provide the mole percent for the percentage questions in this group.

Methane (CH4) percentage	75
Nitrogen (N2) percentage, if greater than one percent	3
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	0
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.

Date(s) and Time(s)

Date venting and/or flaring was discovered or commenced	09/25/2021
Time venting and/or flaring was discovered or commenced	10:00 PM
Time venting and/or flaring was terminated	10:35 PM
Cumulative hours during this event	0

Measured or Estimated Volume of Vented or Flared Natural Gas

Natural Gas Vented (Mcf) Details	Not answered.
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Natural Gas Flared (Mcf) Details	Cause: Equipment Failure Gas Compressor Station Natural Gas Flared Released: 467 Mcf Recovered: 0 Mcf Lost: 467 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 or is this venting and/or flaring a result of downstream activity	Not answered.
Was notification of downstream activity received by you or your operator	Not answered.
Downstream OGRID that should have notified you or your operator	Not answered.
Date notified of downstream activity requiring this venting and/or flaring	Not answered.
Time notified of downstream activity requiring this venting and/or flaring	Not answered.

Steps and Actions to Prevent Waste

For this event, the operator could not have reasonably anticipated the current event and it was beyond the operator's control.	True
Please explain reason for why this event was beyond your operator's control	Cause of the upset: flared 467 mcf because we lost instrument air at site. the sullair air compressor faulted causing it not to activate. service has been scheduled. the backup air compressor did not activate until it was reset. I&e is looking into the issue to resolve it.
Steps taken to limit the duration and magnitude of venting and/or flaring	Actions taken to correct the upset and minimize emissions: flared 467 mcf because we lost instrument air at site. the sullair air compressor faulted causing it not to activate. service has been scheduled. the backup air compressor did not activate until it was reset. I&e is looking into the issue to resolve it.
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	Actions taken to correct the upset and minimize emissions: flared 467 mcf because we lost instrument air at site. the sullair air compressor faulted causing it not to activate. service has been scheduled. the backup air compressor did not activate until it was reset. I&e is looking into the issue to resolve it.

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CONDITIONS

Action 52041

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Operator: DCP OPERATING COMPANY, LP 370 17th Street, Suite 2500 Denver, CO 80202	OGRID: 36785
	Action Number: 52041
	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.	9/27/2021