



13 Bataan Blvd Santa Fe, NM 87508

unknown

FAX To: Regional Environmental Department 111-111-1111

SERC/LEPC Notification Form

Facility Name:	Lovington Booster	Date:	9/5/2023 7:57 AM	County:	LEA
Location:	Event GPS Coordinates: 32.8717, -103.2961 Driving Directions: (Lat: 32.8717, Long: -103.2961); From SR-18 (Dal Paso St) & US-180 (Marland St) located in the middle of Hobbs NM, drive 16.3 miles NW on SR-18, turn W on a dirt road (1.5 miles NW of CR-78) and drive 0.3 mile on said dirt road to the Booster Station on the left.				<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:	9/1/2023 9:37 AM	Ended On:	9/1/2023 9:38 AM	Discovered On:	9/1/2023 10:30 AM

Event Duration:

1 Minutes

Material Released:

Sulfur Dioxide: 1300 mcf/event

Material Composition:

Carbon Dioxide 8.1789%, Methane 31.4989%, Hydrogen Sulfide 7.8539%, Hexane 0.4921%, Butane 9.0531%, Pentane 0.4369%, Nitrogen 2.0721%, Propane 22.7579%, Ethane 13.218%, Isobutane 3.196%, Isopentane 1.2421%, Hydrogen Sulfide 7.8539%,

Calculations:

Compound Calculation Used to Obtain Released Amount

Nitrogen Dioxide: $100000 \text{ {scf/event}} \times 1635.349790292 \text{ {MMbtu/scf}} \times 0.068 \text{ {lb/MMbtu}} \times 0.05$ Nitrogen Dioxide: $100000 \text{ {scf/event}} \times 1635.349790292 \text{ {MMbtu/scf}} \times 0.068 \text{ {lb/MMbtu}} \times 0.05$ Hexane: $100000 \text{ {scf/event}} \times 0.00492066675726573 \text{ {mole fraction}} \times 86.1754 \text{ {lb/lb-mole}} \times \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$ Butane: $100000 \text{ {scf/event}} \times 0.0905313663342285 \text{ {mole fraction}} \times 58.1222 \text{ {lb/lb-mole}} \times \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$ Pentane: $100000 \text{ {scf/event}} \times 0.00436933337624868 \text{ {mole fraction}} \times 72.1488 \text{ {lb/lb-mole}} \times \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$ Propane: $100000 \text{ {scf/event}} \times 0.227578739467773 \text{ {mole fraction}} \times 44.0956 \text{ {lb/lb-mole}} \times \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$ Isobutane: $100000 \text{ {scf/event}} \times 0.0319600106612142 \text{ {mole fraction}} \times 58.1222 \text{ {lb/lb-mole}} \times \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$ Isopentane: $100000 \text{ {scf/event}} \times 0.0124206698919169 \text{ {mole fraction}} \times 72.1488 \text{ {lb/lb-mole}} \times \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$ Carbon Monoxide: $100000 \text{ {scf/event}} \times 1635.349790292 \text{ {MMbtu/scf}} \times 0.37 \text{ {lb/MMbtu}}$ Sulfur Dioxide: $100000 \text{ {scf/event}} \times 0.0785390272770182 \text{ {mole fraction}} \times 34.08088 \text{ {lb/lb-mol}} / 379.3 \text{ {scf/lb-mol}} \times 64.064 \text{ {lb/lb-mole}} / 34.08088 \text{ {lb/lb-mol}} \times 98$ Nitrogen Oxides: $100000 \text{ {scf/event}} \times 1635.349790292 \text{ {MMbtu/scf}} \times 0.068 \text{ {lb/MMbtu}}$ Hydrogen Sulfide: $100000 \text{ {scf/event}} \times 0.0785390272770182 \text{ {mole fraction}} \times 34.08088 \text{ {lb/lb-mole}} \times \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$ Nitrogen: $100000 \text{ {scf/event}} \times 0.0207213401780192 \text{ {mole fraction}} \times 28.0134 \text{ {lb/lb-mole}} \times \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$ Ethane: $100000 \text{ {scf/event}} \times 0.132180046079915 \text{ {mole fraction}} \times 30.069 \text{ {lb/lb-mole}} \times \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$ **Violations:**

Emission Value Maximum for Sulfur Dioxide (500 lb/event) - EPCRA/SARA 304

Emission Value Maximum for Sulfur Dioxide (500 lb/event) - EPCRA/SARA 304

Known or anticipated acute or chronic health risks associated with the emergency:**Sulfur Dioxide:** Eye contact: Causes eye irritation.

Inhalation: Toxic if inhaled.

Skin contact: Causes severe burns.

Ingestion: As this product is a gas, refer to the inhalation section.

Medical attention advised for exposed individuals:

Sulfur Dioxide: Eye contact: Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.

Inhalation: Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Shirley: See medical attention immediately. Call a poison center or physician. Flush contaminated skin with plenty of water.
contact: Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion: As this product is a gas, refer to the inhalation section.

Cause of the upset:

lost multiple units at station

Actions taken to correct the upset and minimize emissions:

restarted unit and shut in gas

Precautions taken as a result of the release:

A. AI Number 598	N. Failure Pt No: O. Failure Pt. Description: Flare (Emergency Flare)				
A. NOx: 11.12 lb	B. SO2: 1300 lb	C. CO: 60.51 lb	D. PM:	E. VOC: 99.08 lb	F. H2S: 14.11 lb

Vol=100 mscf/event

SERC Email Notification:	henry.jolly@state.nm.us	LEPC Email Notification:	lvelasquez@leacounty.net
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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

DEFINITIONS

Action 261682

DEFINITIONS

Operator: DCP OPERATING COMPANY, LP 6900 E. Layton Ave Denver, CO 80237	OGRID: 36785
	Action Number: 261682
	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: <ul style="list-style-type: none">• 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 261682

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	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	[FWJF0431358485] Lovington Booster Station

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	31
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	8
Carbon Dioxide (CO2) percentage, if greater than one percent	8
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 261682

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	09/01/2023
Time vent or flare was discovered or commenced	09:37 AM
Time vent or flare was terminated	09:38 AM
Cumulative hours during this event	0

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Other Gas Compressor Station Natural Gas Vented Released: 100 Mcf Recovered: 0 Mcf Lost: 100 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	Lost multiple compressors at booster.
Steps taken to limit the duration and magnitude of vent or flare	Shut in booster until compressors started and operating within normal parameters.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Loss of compressors is still under investigation.

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ACKNOWLEDGMENTS

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ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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
rasmalts	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.	9/5/2023