



13 Bataan Blvd Santa Fe, NM 87508

unknown

FAX To: Regional Environmental Department 111-111-1111

## SERC/LEPC Notification Form

<b>Facility Name:</b>	Linam Ranch Plant	<b>Date:</b>	12/20/2021 4:02 PM	<b>County:</b>	LEA
<b>Location:</b>	Event GPS Coordinates: 32.6953, -103.2853 Driving Directions: (Lat: 32.6953, Long: -103.2853); From the intersection of US-180 (Marland St) & Grimes St located on the west side of Hobbs NM, drive 8.2 miles W on US-180 to the Gas Plant on the left.				<input checked="checked" type="checkbox"/> Initial Report <input type="checkbox"/> Updated Report <input type="checkbox"/> Final Report
<b>Type of Incident:</b>	Upset	<b>Release Occurred To:</b>	Air	<b>Release Type:</b>	Flared
<b>Started On:</b>	12/20/2021 5:52 AM	<b>Ended On:</b>	12/20/2021 6:18 AM	<b>Discovered On:</b>	12/20/2021 5:52 AM

**Event Duration:**

26 Minutes

**Material Released:**

Sulfur Dioxide: 666.19 mcf/event

**Material Composition:**

Pentane 0.0064%, Ethane 1.8014%, Methane 71.1022%, Propane 0.0548%, Hydrogen Sulfide 4.1069%, Carbon Dioxide 20.5293%, Isopentane 0.0046%, Hexane 0.0301%, Nitrogen 2.3146%, Isobutane 0.0314%, Butane 0.0184%, Hydrogen Sulfide 4.1069%,

**Calculations:**

Compound Calculation Used to Obtain Released Amount

Nitrogen Dioxide:  $98000 \text{ {scf/event}} * 754.30320315582 \text{ {MMbtu/scf}} * 0.13508 \text{ {lb/MMbtu}} * 0.05$ Nitrogen Dioxide:  $98000 \text{ {scf/event}} * 754.30320315582 \text{ {MMbtu/scf}} * 0.13508 \text{ {lb/MMbtu}} * 0.05$ Pentane:  $98000 \text{ {scf/event}} * 0.0000637755111544108 \text{ {mole fraction}} * 72.1488 \text{ {lb/lb-mole}} * \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$ Propane:  $98000 \text{ {scf/event}} * 0.000548028171172047 \text{ {mole fraction}} * 44.0956 \text{ {lb/lb-mole}} * \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$ Isopentane:  $98000 \text{ {scf/event}} * 0.0000459183653702542 \text{ {mole fraction}} * 72.1488 \text{ {lb/lb-mole}} * \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$ Hexane:  $98000 \text{ {scf/event}} * 0.000301020409987898 \text{ {mole fraction}} * 86.1754 \text{ {lb/lb-mole}} * \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$ Isobutane:  $98000 \text{ {scf/event}} * 0.000313775518871085 \text{ {mole fraction}} * 58.1222 \text{ {lb/lb-mole}} * \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$ Butane:  $98000 \text{ {scf/event}} * 0.000183673461481017 \text{ {mole fraction}} * 58.1222 \text{ {lb/lb-mole}} * \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$ Nitrogen Oxides:  $98000 \text{ {scf/event}} * 754.30320315582 \text{ {MMbtu/scf}} * 0.13508 \text{ {lb/MMbtu}}$ Carbon Monoxide:  $98000 \text{ {scf/event}} * 754.30320315582 \text{ {MMbtu/scf}} * 8.37139 \text{ {lb/MMbtu}}$ Sulfur Dioxide:  $98000 \text{ {scf/event}} * 0.0410688799254748 \text{ {mole fraction}} * 34.08088 \text{ {lb/lb-mol}} / 379.3 \text{ {scf/lb-mol}} * 64.064 \text{ {lb/lb-mole}} / 34.08088 \text{ {lb/lb-mol}} * 98$ Hydrogen Sulfide:  $98000 \text{ {scf/event}} * 0.0410688799254748 \text{ {mole fraction}} * 34.08088 \text{ {lb/lb-mole}} * \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$ Ethane:  $98000 \text{ {scf/event}} * 0.0180136855830508 \text{ {mole fraction}} * 30.069 \text{ {lb/lb-mole}} * \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$ Nitrogen:  $98000 \text{ {scf/event}} * 0.0231457565129742 \text{ {mole fraction}} * 28.0134 \text{ {lb/lb-mole}} * \{1 - 98\} / 379.3 \text{ {scf/lb-mole}}$ **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

Skin

Get 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:**  
 1410 went down on no oil flow in lubricator and 1420 went down on low suction during start on 1410 and both units blew down

**Actions taken to correct the upset and minimize emissions:**  
 cleared alarms on 1420 and restarted unit. mechanic worked on lubricator system and put unit on line.

**Precautions taken as a result of the release:**

<b>A. AI Number</b> 589	<b>N. Failure Pt No: O. Failure Pt. Description:</b> Flare (AGI Flare,)				
<b>A. NOx:</b> 9.99 lb	<b>B. SO2:</b> 666.19 lb	<b>C. CO:</b> 618.83 lb	<b>D. PM:</b>	<b>E. VOC:</b> 0.45 lb	<b>F. H2S:</b> 7.23 lb
Vol=98 mscf/event					

<b>SERC Email Notification:</b>	henry.jolly@state.nm.us	<b>LEPC Email Notification:</b>	lvelasquez@leacounty.net
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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

**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 68303

DEFINITIONS

Operator: DCP OPERATING COMPANY, LP 370 17th Street, Suite 2500 Denver, CO 80202	OGRID: 36785
	Action Number: 68303
	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"><li>• this application's operator, hereinafter "this operator";</li><li>• venting and/or flaring, hereinafter "vent or flare";</li><li>• any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";</li><li>• the statements in (and/or attached to) this, hereinafter "the statements in this";</li><li>• and the past tense will be used in lieu of mixed past/present tense questions and statements.</li></ul>
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QUESTIONS

Action 68303

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**QUESTIONS**

<b>Prerequisites</b>	
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	[fGP0000000012] DCP LINAM RANCH GP

<b>Determination of Reporting Requirements</b>	
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 <b>ANY</b> 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

<b>Equipment Involved</b>	
Primary Equipment Involved	Not answered.
Additional details for Equipment Involved. Please specify	Not answered.

<b>Representative Compositional Analysis of Vented or Flared Natural Gas</b>	
Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	71
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	4
Carbon Dioxide (CO2) percentage, if greater than one percent	21
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 68303

QUESTIONS (continued)

Operator:  DCP OPERATING COMPANY, LP 370 17th Street, Suite 2500 Denver, CO 80202	OGRID:  36785
	Action Number:  68303
	Action Type:  [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	12/20/2021
Time vent or flare was discovered or commenced	05:52 AM
Time vent or flare was terminated	06:18 AM
Cumulative hours during this event	1

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Cause: Equipment Failure   Other (Specify)   Other (Specify)   Released: 95 Mcf   Recovered: 0 Mcf   Lost: 95 Mcf ]
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	1410 went down on no oil flow in lubricator and 1420 went down on low suction during start on 1410 and both units blew down
Steps taken to limit the duration and magnitude of vent or flare	Cleared alarms on 1420 and restarted unit. mechanic worked on lubricator system and put unit on line.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Cleared alarms on 1420 and restarted unit. mechanic worked on lubricator system and put unit on line.

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ACKNOWLEDGMENTS

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	Action Type: [C-129] Venting and/or Flaring (C-129)

**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 <b>complete</b> 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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	Action Type: [C-129] Venting and/or Flaring (C-129)

**CONDITIONS**

Created By	Condition	Condition Date
dltullos	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.	12/21/2021