



13 Bataan Blvd Santa Fe, NM 87508

unknown

FAX To: Regional Environmental Department 111-111-1111

## SERC/LEPC Notification Form

|                          |                           |                             |                   |                       |   |
|--------------------------|---------------------------|-----------------------------|-------------------|-----------------------|---|
| <b>Facility Name:</b>    | SENM East<br>PL/Gathering | <b>Date:</b>                | 9/28/2021 8:12 AM | <b>County:</b>        | LEA   |
| <b>Location:</b>         |                           |                             |                   |                       | <input checked="checked" type="checkbox"/> Initial Report<br><input type="checkbox"/> Updated Report<br><input type="checkbox"/> Final Report |
| <b>Type of Incident:</b> | Malfunction               | <b>Release Occurred To:</b> | Air               | <b>Release Type:</b>  | Vented  |
| <b>Started On:</b>       | 6/25/2021 4:30 PM         | <b>Ended On:</b>            | 6/25/2021 4:50 PM | <b>Discovered On:</b> | 6/25/2021 4:25 PM   |

**Event Duration:**

20 Minutes

**Material Released:****Material Composition:**

Pentane 0.4929%, Ethane 10.3828%, Methane 74.9659%, Heptane 0.3432%, Propane 5.6523%, Hydrogen Sulfide 0.0219%, Carbon Dioxide 2.2191%, n-Octane 0.0775%, Isopentane 0.5073%, Hexane 0.392%, Nitrogen 2.2526%, n-Nonane 0.0298%, Isobutane 0.7721%, Butane 1.8906%, Hydrogen Sulfide 0.0219%,

**Calculations:**

Compound Calculation Used to Obtain Released Amount

Pentane:  $390000 \text{ {scf/event}} \times 0.004929 \text{ {mole fraction}} \times 72.1488 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$   
 Heptane:  $390000 \text{ {scf/event}} \times 0.003432 \text{ {mole fraction}} \times 100.2019 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$   
 Propane:  $390000 \text{ {scf/event}} \times 0.056523 \text{ {mole fraction}} \times 44.0956 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$   
 n-Octane:  $390000 \text{ {scf/event}} \times 0.000775 \text{ {mole fraction}} \times 114.2285 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$   
 Isopentane:  $390000 \text{ {scf/event}} \times 0.005073 \text{ {mole fraction}} \times 72.1488 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$   
 Hexane:  $390000 \text{ {scf/event}} \times 0.00392 \text{ {mole fraction}} \times 86.1754 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$   
 n-Nonane:  $390000 \text{ {scf/event}} \times 0.000298 \text{ {mole fraction}} \times 128.2551 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$   
 Isobutane:  $390000 \text{ {scf/event}} \times 0.007721 \text{ {mole fraction}} \times 58.1222 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$   
 Butane:  $390000 \text{ {scf/event}} \times 0.018906 \text{ {mole fraction}} \times 58.1222 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$   
 Hydrogen Sulfide:  $390000 \text{ {scf/event}} \times 0.000219 \text{ {mole fraction}} \times 34.08088 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$   
 Ethane:  $390000 \text{ {scf/event}} \times 0.103828 \text{ {mole fraction}} \times 30.069 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$   
 Nitrogen:  $390000 \text{ {scf/event}} \times 0.022526 \text{ {mole fraction}} \times 28.0134 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$

**Violations:****Known or anticipated acute or chronic health risks associated with the emergency:****Medical attention advised for exposed individuals:****Cause of the upset:**

the 10312 loop 2 started seeing gas

**Actions taken to correct the upset and minimize emissions:**

line was shut in and blown down

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

|                        |  |                       |               |                              |                           |
|------------------------|--|-----------------------|---------------|------------------------------|---------------------------|
| <b>A. AI Number</b>    | <b>N. Failure Pt No: O. Failure Pt. Description:</b><br>Unknown Equipment/Pipeline Segment |                       |               |                              |                           |
| <b>A. NOx:</b><br>0 lb | <b>B. SO2:</b><br>0 lb   | <b>C. CO:</b><br>0 lb | <b>D. PM:</b> | <b>E. VOC:</b><br>5727.25 lb | <b>F. H2S:</b><br>7.67 lb |
| Vol=390 mscf/event     |  |                       |               |                              |                           |

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

**LEPC Email Notification:** lvelasquez@leacounty.net

**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**

QUESTIONS

Action 52345

**QUESTIONS**

|   |  |
|---|--|
| Operator:<br>DCP OPERATING COMPANY, LP<br>370 17th Street, Suite 2500<br>Denver, CO 80202 | OGRID:<br>36785  |
|   | Action Number:<br>52345                                |
|   | Action Type:<br>[C-129] Venting and/or Flaring (C-129) |

**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  | [fAPP2123031660] DCP SE NM Gathering System |

|  |   |
|--|---|
| <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 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, 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 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  |

|   |               |
|---|---------------|
| <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  | 75            |
| Nitrogen (N2) percentage, if greater than one percent   | 2             |
| Hydrogen Sulfide (H2S) PPM, rounded up  | 0             |
| Carbon Dioxide (CO2) percentage, if greater than one percent  | 2             |
| 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. |

|   |            |
|---|------------|
| <b>Date(s) and Time(s)</b>                              |            |
| Date venting and/or flaring was discovered or commenced | 06/25/2021 |
| Time venting and/or flaring was discovered or commenced | 04:25 PM   |
| Time venting and/or flaring was terminated              | 04:50 PM   |
| Cumulative hours during this event                      | 0          |

|   |   |
|---|---|
| <b>Measured or Estimated Volume of Vented or Flared Natural Gas</b> |   |
| Natural Gas Vented (Mcf) Details                                    | Cause: Other   Pipeline (Any)   Natural Gas Vented   Released: 390 Mcf   Recovered: 0 Mcf   Lost: 390 Mcf |

|   |  |
|---|--|
| Natural Gas Flared (Mcf) Details  | Not answered.  |
| Other Released Details  | Cause: Equipment Failure   Pipeline (Any)   Other (Specify)   Released: 390 Mcf   Recovered: 0 Mcf   Lost: 390 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 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  | Operator was in area and walking the line and saw the 10312 loop 2 saw gas leak. |
| Steps taken to limit the duration and magnitude of venting and/or flaring  | Line was shut in for maintenance   |
| Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring                                     | Line was shut in.  |

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CONDITIONS  
  
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|   |  |
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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. | 9/28/2021      |