

Barrels Released Calculation_8019_C-23 Line Leak (9/3/24)

Pipeline ditch saturation Square Footage	2,400	x	Height (ft)	1.5	=	133.3333 feet ³
27						

133.33333	x	0.1781	=	23.746667	barrels released
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Surface saturation Square Footage	14,986	x	Height (ft)	0.75	=	416.2778 feet ³
27						

416.27778	x	0.1781	=	74.139072	barrels released
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Total	=	97.885739	barrels released
Vacuum truck recovered:	=	35 bbls	
Total volume released:	=	132.88 barrels	



FAX To: Regional Environmental Department 111-111-1111

SERC/LEPC Notification Form

Facility Name:	Eunice PL/Gathering (NM)	Date:	9/4/2024 10:07 AM	County:	LEA
Location:	Event GPS Coordinates: 32.5753889, -103.6258333				☒ Initial Report ☐ Updated Report ☐ Final Report
	Driving Directions:				
Type of Incident:	Shutdown	Release Occurred To:	Air	Release Type:	
Started On:	9/3/2024 6:59 PM	Ended On:	9/3/2024 7:00 PM	Discovered On:	9/3/2024 3:30 PM

Event Duration:

1 Minutes

Material Released:**Material Composition:**

Carbon Dioxide 0.1348%, Methane 65.9381%, Hexane 0.3061%, Butane 2.6939%, Pentane 0.5528%, Heptane 0.2871%, n-Nonane 0.022%, n-Octane 0.0641%, Nitrogen 2.373%, Propane 9.6473%, Ethane 16.5007%, Isobutane 0.9612%, Isopentane 0.5189%,

Calculations:

Compound Calculation Used to Obtain Released Amount (Id: 106940)

Hexane: $5867.72 \text{ {scf/event}} * 0.003061 \text{ {mole fraction}} * 86.1754 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$

Butane: $5867.72 \text{ {scf/event}} * 0.026939 \text{ {mole fraction}} * 58.1222 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$

Pentane: $5867.72 \text{ {scf/event}} * 0.005528 \text{ {mole fraction}} * 72.1488 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$

Heptane: $5867.72 \text{ {scf/event}} * 0.002871 \text{ {mole fraction}} * 100.2019 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$

n-Nonane: $5867.72 \text{ {scf/event}} * 0.00022 \text{ {mole fraction}} * 128.2551 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$

n-Octane: $5867.72 \text{ {scf/event}} * 0.000641 \text{ {mole fraction}} * 114.2285 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$

Propane: $5867.72 \text{ {scf/event}} * 0.096473 \text{ {mole fraction}} * 44.0956 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$

Isobutane: $5867.72 \text{ {scf/event}} * 0.009612 \text{ {mole fraction}} * 58.1222 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$

Isopentane: $5867.72 \text{ {scf/event}} * 0.005189 \text{ {mole fraction}} * 72.1488 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$

Nitrogen: $5867.72 \text{ {scf/event}} * 0.02373 \text{ {mole fraction}} * 28.0134 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$

Ethane: $5867.72 \text{ {scf/event}} * 0.165007 \text{ {mole fraction}} * 30.069 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$

Volume Calculations Used to Obtain Release Amount

$5.86772 \text{ {mscf/event}}$

$\text{Vol} = 3.14159 * (\text{Dia} / 12 / 2)^2 * \text{Len} * (\text{StartPressure} - \text{EndPressure}) / 14.7 / 1000$
Dia=12, Len(ft)=13728.00, StartPressure=8, EndPressure=0
Length In Miles: 2.6

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

line strike

Actions taken to correct the upset and minimize emissions:

line was locked out shut in and liquids recovered

Precautions taken as a result of the release:

A. AI Number	N. Failure Pt No: O. Failure Pt. Description: C-23-10-6-2-1-2-3-1				
A. NOx: 0 lb	B. SO2: 0 lb	C. CO: 0 lb	D. PM:	E. VOC: 120.74 lb	F. H2S: 0 lb

Vol=5.87 mscf/event

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

Kyle Norman

From: Case, Nicholas L <Nicholas.L.Case@p66.com>
Sent: Tuesday, September 3, 2024 5:40 PM
To: Michael Bratcher; Mike Bratcher
Cc: Cook, John W; Brett Dennis; Kyle Norman; Millican, Scot A; Khelurkar, Nikunj; nlcase@dcpmidstream.com; Dabney, Claudia; Daly, Stacey; Case, Nicholas L
Subject: C-23 Pipeline leak/event LeaCounty

Importance: High

Mr. Bratcher: DCP/P66 Ops notified me of a line leak on the C-23 Pipeline in Lea county which occurred around 17:16 on 09/03/2024. THE event occurred at **32.5753760 -103.6258320**. The estimated spill amount may exceed the 25BBL reportable threshold and will be reported via C-141. Operations is blocking in the line. Tasman (our third-party remediation contractor) is in route. A third-party Vac truck is onsite. I tried to reach you at 17:22 but your mobile phone 575-626-0857 went to the mailbox and I left you a voice message.

Therefore:

In an abundance of caution and to meet potentially applicable reporting deadlines, DCP is submitting this initial report based on the information currently available and DCP’s understanding of the facts at this time; however, DCP’s investigation and assessment is ongoing. DCP therefore reserves the right to supplement and revise the information in this initial report if and as new information becomes available. DCP also reserves the right to raise any arguments, facts, or defenses regarding this incident, including that this incident is not a “major release” as defined by 19.15.29.7(A) NMAC.

Please contact me if you have any additional questions or concerns for this possible NOR.

Thanks Nick

Nicholas L. Case

Senior Environmental Specialist

SENM Asset

M: 575-802-5225

139 W US HWY 62 180 | Hobbs, NM 88240

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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

QUESTIONS

Action 380799

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 380799
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2424928034
Incident Name	NAPP2424928034 C-23 PIPELINE LEAK @ 0
Incident Type	Natural Gas Release
Incident Status	Initial C-141 Received

Location of Release Source

Please answer all the questions in this group.

Site Name	C-23 Pipeline Leak
Date Release Discovered	09/03/2024
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

Incident Type	Natural Gas Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Human Error Pipeline (Any) Condensate Released: 133 BBL Recovered: 35 BBL Lost: 98 BBL.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 380799

QUESTIONS (continued)

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QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Nick Case Title: Environmental Email: Nicholas.L.Case@P66.com Date: 09/05/2024
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QUESTIONS, Page 3

Action 380799

QUESTIONS (continued)

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QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Not answered.
What method was used to determine the depth to ground water	Not answered.
Did this release impact groundwater or surface water	Not answered.
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Not answered.
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Not answered.
An occupied permanent residence, school, hospital, institution, or church	Not answered.
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Not answered.
Any other fresh water well or spring	Not answered.
Incorporated municipal boundaries or a defined municipal fresh water well field	Not answered.
A wetland	Not answered.
A subsurface mine	Not answered.
An (non-karst) unstable area	Not answered.
Categorize the risk of this well / site being in a karst geology	Not answered.
A 100-year floodplain	Not answered.
Did the release impact areas not on an exploration, development, production, or storage site	Not answered.

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	No
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
rhamlet	None	9/5/2024