
From: Case, Nicholas L
Sent: Friday, February 7, 2025 3:13 PM
To: Michael Bratcher <mike.bratcher@emnrd.nm.gov>; Mike Bratcher <mike.bratcher@state.nm.us>
Cc: Cook, John W <John.W.Cook2@p66.com>; Dabney, Claudia <Claudia.Dabney@p66.com>; Millican, Scot A <Scot.A.Millican@p66.com>; Daly, Stacey <Stacey.Daly@p66.com>; Khelurkar, Nikunj <Nikunj.Khelurkar@p66.com>; Granados, Alfredo <Alfredo.Granados@p66.com>; Case, Nicholas L <Nicholas.L.Case@p66.com>
Subject: BE-14-1 Line Leak in Eddy County

Resending with correct line number

Mr. Bratcher: DCP/P66 Ops notified me (at 10:48) of a possible air event on the BE-14-1 Line in Eddy county which, after investigation, occurred on 01/16/2025 THE event is located at 32.4880536, --104.0017637. The estimated natural gas vented amount may exceed 18MMscf for the duration. Our third-party Remediation team is onsite and is initially estimating the fluid release to be approximately 15bbls. The Root Cause is under investigation. Also, as we discussed (at 14:54 via cell phone) there will not be a C-129 entered for this event. The gas volume will be included on the C-141 which Tasman will make a NOR for today.

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
SENM ENV Spec
P66
575-802-5225

Location: BE-14-1 Line Leak Date: 2/7/2025

V = D x A x P x Adj x 7.48

V = Volume of hydrocarbon (oil) released, gallons
D = Average depth of oil penetration across impacted area, inches
A = Area of spill, square feet
P = Porosity of soil (void space between soil particles) of impacted media (soil), unitless
Use Table 1 to select best fit for observed impacted soil conditions
Adj = Correction factor of 50% for soil porosity factor overestimating volume of oil in soil (standard assumption), %
The factor can be adjusted lower or higher for local observed conditions. For Lower Adj = 50% * (100% - % decrease). For Higher Adj = 50% * (100% + % increase).
For example:

Observed Condition	% Decrease/Increase	New Adj
Ground is saturated with water	decrease by 25%	37.5%
Ground is frozen	decrease by 50%	25.0%
Dry cracked clay	increase by 40%	70.0%

7.48 = Conversion factor: cubic feet to gallons

Enter data for each individual impacted soil area
All dimensions, except depth, are maximums observed

= Data Entry Fields
= Standard Assumptions

Square or Rectangle

Loc	Length	Width	Depth (D)		Area (A)	Volume	Porosity (P)	Adjustment (Adj)	Oil Volume (V)		
	ft	ft	in	ft	ft ²	ft ³			ft ³	gal	bbl
1			8	0.67	1,000.0	670.0	0.35	30%	70.350	526.255	12.530
2			4	0.33	305.0	100.7	0.35	30%	10.568	79.056	1.882
3											
4				-	-	-		50%	-	-	-
5				-	-	-		50%	-	-	-
6				-	-	-		50%	-	-	-
Sub-Total					1,305.0	770.7			80.918	605.311	14.412

Triangular

Loc	Base	Height	Depth (D)		Area (A)	Volume	Porosity (P)	Adjustment (Adj)	Oil Volume (V)		
	ft	ft	in	ft	ft ²	ft ³			ft ³	gal	bbl
1				-	-	-		50%	-	-	-
2				-	-	-		50%	-	-	-
3				-	-	-		50%	-	-	-
4				-	-	-		50%	-	-	-
5				-	-	-		50%	-	-	-
Sub-Total					-	-			-	-	-

Circular

Loc	Diameter	Depth (D)		Area (A)	Volume	Porosity (P)	Adjustment (Adj)	Oil Volume (V)		
	ft	in	ft	ft ²	ft ³			ft ³	gal	bbl
1				-	-		50%	-	-	-
2				-	-		50%	-	-	-
3				-	-		50%	-	-	-
4				-	-		50%	-	-	-
5				-	-		50%	-	-	-
Sub-Total					-			-	-	-

					ft ³	gal	bbl
Total Soil Volume:					770.7	80.918	605.311 14.412

NOTES:

Use Best Professional Judgement
Table 1: Soil Porosity for Different Soils [1]

Soil	Description	Porosity
Gravel	Gravel	0.31
	Sandy gravel, with little or no fines	0.27
	Silty gravels, silty sandy gravels	0.19
	Clayey gravels, clayey sandy gravels	0.22
Sand	Coarse sand	0.35
	Fine sand	0.38
	Gravelly sands, with little or no fines	0.33
	Silty sands	0.37
	Clayey sands	0.26
Silt	Uniform silt, silty or clayey fine sands, silty clays	0.49
Clay	Clay	0.63
	Silty or sandy clay	0.39

Sources:
[1] <http://www.geotechdata.info/parameter/soil-porosity.html>



FAX To: Regional Environmental Department 111-111-1111

SERC/LEPC Notification Form

Facility Name:	Carlsbad PL/Gathering	Date:	2/7/2025 4:04 PM	County:	EDDY
Location:	Event GPS Coordinates: 32.4880536, -104.0017637 Driving Directions:	<input checked="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:	Vented
Started On:	1/16/2025 12:00 AM	Ended On:	2/7/2025 10:48 AM	Discovered On:	2/7/2025 10:48 AM

Event Duration:

32328 Minutes

Material Released:**Material Composition:**

Carbon Dioxide 0.999%, Methane 93.406%, Hexane 0.05%, Butane 0.122%, Pentane 0.03%, Heptane 0.05%, n-Nonane 0.0209%, n-Octane 0.05%, Nitrogen 0.399%, Propane 0.77%, Ethane 3.464%, Isobutane 0.121%, Isopentane 0.053%, Water 0.465%,

Calculations:

Compound Calculation Used to Obtain Released Amount (Id: 118596)

Hexane: $18647000 \text{ {scf/event}} * 0.000500000007450581 \text{ {mole fraction}} * 86.1754 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$
 Butane: $18647000 \text{ {scf/event}} * 0.00122000001370907 \text{ {mole fraction}} * 58.1222 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$
 Pentane: $18647000 \text{ {scf/event}} * 0.000299999993294477 \text{ {mole fraction}} * 72.1488 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$
 Heptane: $18647000 \text{ {scf/event}} * 0.000500000007450581 \text{ {mole fraction}} * 100.2019 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$
 n-Nonane: $18647000 \text{ {scf/event}} * 0.000208999998867512 \text{ {mole fraction}} * 128.2551 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$
 n-Octane: $18647000 \text{ {scf/event}} * 0.000500000007450581 \text{ {mole fraction}} * 114.2285 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$
 Propane: $18647000 \text{ {scf/event}} * 0.00769999980926514 \text{ {mole fraction}} * 44.0956 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$
 Isobutane: $18647000 \text{ {scf/event}} * 0.00120999999344349 \text{ {mole fraction}} * 58.1222 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$
 Isopentane: $18647000 \text{ {scf/event}} * 0.000529999993741512 \text{ {mole fraction}} * 72.1488 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$
 Nitrogen: $18647000 \text{ {scf/event}} * 0.00398999989032745 \text{ {mole fraction}} * 28.0134 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$
 Ethane: $18647000 \text{ {scf/event}} * 0.0346399998664856 \text{ {mole fraction}} * 30.069 \text{ {lb/lb-mole}} / 379.3 \text{ {scf/lb-mole}}$

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

BE-14-1 4" Poly pipe gathering system line failed

Actions taken to correct the upset and minimize emissions:

Once discovered the line was safely blocked in and blown down

Precautions taken as a result of the release:

A. AI Number	N. Failure Pt No: O. Failure Pt. Description:				
	BE-14-1				
A. NOx:	B. SO2:	C. CO:	D. PM:	E. VOC:	F. H2S:
0 lb	0 lb	0 lb		35286.47 lb	0 lb

Vol=18647 mscf/event

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

LEPC Email Notification:

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 431881

QUESTIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 431881
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2503860952
Incident Name	NAPP2503860952 BE-14-1 LINE @ 0
Incident Type	Blow Out
Incident Status	Initial C-141 Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	BE-14-1 Line
Date Release Discovered	02/07/2025
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Blow Out
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: Blow Out Pipeline (Any) Condensate Released: 14 BBL Recovered: 0 BBL Lost: 14 BBL.
Natural Gas Vented (Mcf) Details	Cause: Blow Out Pipeline (Any) Natural Gas Vented Released: 18,647 MCF Recovered: 0 MCF Lost: 18,647 MCF.
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 431881

QUESTIONS (continued)

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 431881
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

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: (3) an unauthorized release of gases exceeding 500 MCF.
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	Mike Bratcher was notified by Nick Case with Phillips 66 via cell phone at 14:54 today. An email was also sent to Mr. Bratcher on 2/7/2025 at 4:51 PM

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: 02/13/2025
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QUESTIONS, Page 3

Action 431881

QUESTIONS (continued)

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 431881
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

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

Action 431881

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042	OGRID: 36785
	Action Number: 431881
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	None	2/17/2025