

Kyle Norman

From: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Sent: Thursday, May 1, 2025 11:41 AM
To: Case, Nicholas L
Cc: Cook, John W; Brett Dennis; Kyle Norman; Millican, Scot A; Khelurkar, Nikunj; Daly, Stacey; Dabney, Claudia; Smalts, Raymond A; Carmichael, Eric
Subject: RE: [EXTERNAL] A-5 Pipeline line Strike (third party) Eddy County

Nick,

Notification received. Thank you

Mike Bratcher
Incident Supervisor
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave | Artesia, NM 88210
(575) 626-0857 |
mike.bratcher@emnrd.nm.gov
<http://www.emnrd.nm.gov/ocd>

From: Case, Nicholas L <Nicholas.L.Case@p66.com>
Sent: Thursday, May 1, 2025 10:46 AM
To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Cc: Cook, John W <John.W.Cook2@p66.com>; Brett Dennis <bdennis@tasman-geo.com>; Kyle Norman <knorman@tasman-geo.com>; Millican, Scot A <Scot.A.Millican@p66.com>; Khelurkar, Nikunj <Nikunj.Khelurkar@p66.com>; Daly, Stacey <Stacey.Daly@p66.com>; Dabney, Claudia <Claudia.Dabney@p66.com>; Smalts, Raymond A <Raymond.A.Smalts@p66.com>; Carmichael, Eric <Eric.Carmichael@p66.com>; Case, Nicholas L <Nicholas.L.Case@p66.com>
Subject: [EXTERNAL] A-5 Pipeline line Strike (third party) Eddy County

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Mr. Bratcher: DCP/P66 Ops notified me of a line strike, by a third party, on the A-5 Pipeline in EDDY county which occurred around 09:50 this Morning. THE event is occurring at **32.732700 -104.339600**. The estimated spill amount may exceed the 25BBL reportable threshold. Operations have blocked in our line. Tasman (our third-party remediation contractor) is on route to the site for evaluation. I left you a message on your cell phone (575) 626-0857 at 10:44.
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
phillips66.com Follow us: [Twitter](#) | [Facebook](#) | [LinkedIn](#) | [Instagram](#)



Location: 8826_A-5 Line Leak Date: 5/1/2025

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 ft | Width ft | Depth (D) in | ft | Area (A) ft ² | Volume ft ³ | Porosity (P) | Adjustment (Adj) | Oil Volume (V) ft ³ | gal | bbl |
|-----------|--------------|-------------|-----------------|------|-----------------------------|---------------------------|--------------|------------------|-----------------------------------|-----------|--------|
| 1 | | | 3 | 0.25 | 6,627.0 | 1,656.8 | 0.37 | 25% | 153.249 | 1,146.385 | 27.295 |
| 2 | | | | - | - | - | | 50% | - | - | - |
| 3 | | | | - | - | - | | 50% | - | - | - |
| 4 | | | | - | - | - | | 50% | - | - | - |
| 5 | | | | - | - | - | | 50% | - | - | - |
| 6 | | | | - | - | - | | 50% | - | - | - |
| Sub-Total | | | | | 6,627.0 | 1,656.8 | | | 153.249 | 1,146.385 | 27.295 |

Triangular

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

Circular

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

| | | | | | |
|--------------------|---------|-------------------|---------|-----------|--------|
| Total Soil Volume: | 1,656.8 | Total Oil Volume: | 153.249 | 1,146.385 | 27.295 |
|--------------------|---------|-------------------|---------|-----------|--------|

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 |
| Silt | Clayey sands | 0.26 |
| | Uniform silt, silty or clayey fine sands, silty clays | 0.49 |
| | Clay | 0.63 |
| Clay | 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: | Artesia PL/Gathering | Date: | 5/2/2025 8:02 AM | County: | EDDY |
| Location: | Event GPS Coordinates: 32.732700, -104.339600 | | | <input checked="" type="checkbox"/> | Initial Report |
| Driving Directions: | | | | <input type="checkbox"/> | Updated Report |
| | | | | <input type="checkbox"/> | Final Report |

| | | | | | |
|--------------------------|------------------|-----------------------------|-------------------|-----------------------|------------------|
| Type of Incident: | Malfunction | Release Occurred To: | Air | Release Type: | Vented |
| Started On: | 5/1/2025 9:16 AM | Ended On: | 5/1/2025 11:16 AM | Discovered On: | 5/1/2025 9:16 AM |

Event Duration:

120 Minutes

Material Released:**Material Composition:**

Carbon Dioxide 1.2776%, Methane 71.6186%, Hydrogen Sulfide 1.1088%, Hexane 0.3353%, Butane 1.4758%, Pentane 0.3862%, Heptane 0.3573%, n-Nonane 0.0175%, n-Octane 0.1217%, Nitrogen 1.7368%, Propane 6.3055%, Ethane 14.2124%, Isobutane 0.6436%, Isopentane 0.4029%, Hydrogen Sulfide 1.1088%,

Calculations:

Compound Calculation Used to Obtain Released Amount (Id: 124529)

Hexane: $21941.3 \text{ \{scf/event\}} \times 0.003353 \text{ \{mole fraction\}} \times 86.1754 \text{ \{lb/lb-mole\}} / 379.3 \text{ \{scf/lb-mole\}}$
 Butane: $21941.3 \text{ \{scf/event\}} \times 0.014758 \text{ \{mole fraction\}} \times 58.1222 \text{ \{lb/lb-mole\}} / 379.3 \text{ \{scf/lb-mole\}}$
 Pentane: $21941.3 \text{ \{scf/event\}} \times 0.003862 \text{ \{mole fraction\}} \times 72.1488 \text{ \{lb/lb-mole\}} / 379.3 \text{ \{scf/lb-mole\}}$
 Heptane: $21941.3 \text{ \{scf/event\}} \times 0.003573 \text{ \{mole fraction\}} \times 100.2019 \text{ \{lb/lb-mole\}} / 379.3 \text{ \{scf/lb-mole\}}$
 n-Nonane: $21941.3 \text{ \{scf/event\}} \times 0.000175 \text{ \{mole fraction\}} \times 128.2551 \text{ \{lb/lb-mole\}} / 379.3 \text{ \{scf/lb-mole\}}$
 n-Octane: $21941.3 \text{ \{scf/event\}} \times 0.001217 \text{ \{mole fraction\}} \times 114.2285 \text{ \{lb/lb-mole\}} / 379.3 \text{ \{scf/lb-mole\}}$
 Propane: $21941.3 \text{ \{scf/event\}} \times 0.063055 \text{ \{mole fraction\}} \times 44.0956 \text{ \{lb/lb-mole\}} / 379.3 \text{ \{scf/lb-mole\}}$
 Isobutane: $21941.3 \text{ \{scf/event\}} \times 0.006436 \text{ \{mole fraction\}} \times 58.1222 \text{ \{lb/lb-mole\}} / 379.3 \text{ \{scf/lb-mole\}}$
 Isopentane: $21941.3 \text{ \{scf/event\}} \times 0.004029 \text{ \{mole fraction\}} \times 72.1488 \text{ \{lb/lb-mole\}} / 379.3 \text{ \{scf/lb-mole\}}$
 Hydrogen Sulfide: $21941.3 \text{ \{scf/event\}} \times 0.011088 \text{ \{mole fraction\}} \times 34.08088 \text{ \{lb/lb-mole\}} / 379.3 \text{ \{scf/lb-mole\}}$
 Nitrogen: $21941.3 \text{ \{scf/event\}} \times 0.017368 \text{ \{mole fraction\}} \times 28.0134 \text{ \{lb/lb-mole\}} / 379.3 \text{ \{scf/lb-mole\}}$
 Ethane: $21941.3 \text{ \{scf/event\}} \times 0.142124 \text{ \{mole fraction\}} \times 30.069 \text{ \{lb/lb-mole\}} / 379.3 \text{ \{scf/lb-mole\}}$

Volume Calculations Used to Obtain Release Amount

21.9413 {mscf/event}

$\text{Vol} = 3.14159 \times (\text{Dia} / 12 / 2)^2 \times \text{Len} \times (\text{StartPressure} - \text{EndPressure}) / 14.7 / 1000$
 Dia=8, Len(ft)=13200.00, StartPressure=70, EndPressure=0 Length In Miles: 2.5

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

pipeline strike

Actions taken to correct the upset and minimize emissions:

verified strike was p66 line shut in production and isolated pipeline

Precautions taken as a result of the release:

| A. AI Number | | N. Failure Pt No: O. Failure Pt. Description: | | | |
|----------------|----------------|---|---------------|----------------|----------------|
| | | A-5 | | | |
| A. NOx: | B. SO2: | C. CO: | D. PM: | E. VOC: | F. H2S: |
| 0 lb | 0 lb | 0 lb | | 311.8 lb | 21.86 lb |

Vol=21.94 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 458354

QUESTIONS

| | |
|---|---|
| Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042 | OGRID: 36785 |
| | Action Number: 458354 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

QUESTIONS

| | |
|----------------------|----------------------------------|
| Prerequisites | |
| Incident ID (n#) | nAPP2512532685 |
| Incident Name | NAPP2512532685 A-5 LINE LEAK @ 0 |
| Incident Type | Natural Gas Release |
| Incident Status | Initial C-141 Received |

| | |
|---|---------------|
| Location of Release Source | |
| <i>Please answer all the questions in this group.</i> | |
| Site Name | A-5 Line Leak |
| Date Release Discovered | 05/01/2025 |
| Surface Owner | Private |

| | |
|--|---------------------|
| Incident Details | |
| <i>Please answer all the questions in this group.</i> | |
| 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 | |
| <i>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.</i> | |
| 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: 27 BBL Recovered: 0 BBL Lost: 27 BBL. |
| Natural Gas Vented (Mcf) Details | Cause: Human Error Pipeline (Any) Natural Gas Vented Released: 22 MCF Recovered: 0 MCF Lost: 22 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 458354

QUESTIONS (continued)

| | |
|---|---|
| Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042 | OGRID: 36785 |
| | Action Number: 458354 |
| | 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: (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: 05/05/2025 |
|--|---|

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QUESTIONS, Page 3

Action 458354

QUESTIONS (continued)

| | |
|---|---|
| Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042 | OGRID: 36785 |
| | Action Number: 458354 |
| | 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 458354

CONDITIONS

| | |
|---|---|
| Operator: DCP OPERATING COMPANY, LP 2331 Citywest Blvd Houston, TX 77042 | OGRID: 36785 |
| | Action Number: 458354 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

CONDITIONS

| | | |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| rhamlet | None | 5/5/2025 |