

GasCal - [Differential / Volume]

File

Differential / Volume

| <u>Differential for known Volume:</u> | <u>Static Pipeline Volume:</u> | <u>Pig Travel Time:</u> |
|---------------------------------------|--------------------------------|--------------------------|
| Meter Tube Size: 12 | Pipe Diameter: 4 | Pipe Diameter: 30 |
| Orifice Plate Size: 3.5 | Length: 3587 | Length: 17 |
| Pressure: 865 | (F)eet or (M)iles: F | (F)eet or (M)iles: M |
| Volume (mcf): 12300 | Pressure: 39 | Volume (mcf): 200000 |
| Temperature: 72 | Temperature: 60 | Upstream Pressure: 750 |
| Gravity: 0.582 | Pressure Base: 14.73 | Downstream Pressure: 700 |
| Mole % CO2: 0 | Gravity: 0.644 | Temperature: 60 |
| Mole % N2: 0 | Barometer: 14.73 | Pressure Base: 14.73 |
| Pressure Base: 14.73 | | Gravity: 0.6 |
| Temperature Base: 60 | | Barometer: 14.73 |

| | | |
|--------------------------|-------------------------|------------------------|
| Differential 1 Run: 25.5 | Vol. (cu. ft.): 1,145.3 | Hrs: 2 Min: 48 Sec: 49 |
| Differential 2 Runs: 6.4 | Lbs of Gas: 51.3 | Miles per Hour: 6.04 |
| | Tons of Gas: .026 | |

Input Gravity

Main Menu Gas Cal. Plate Change Weymouth Analysis Retro/Setpoint Blowdown Cal.

Gas Loss Calculations Canyon Largo NP #187

Release Parameters:

Pipeline Purging Calculation

| | | |
|---------------------------|-------|----------------|
| Diameter of leak (inches) | 0.25 | |
| Operating Pressure PSIA | 39 | |
| Duration of Leak (Days) | 0.166 | |
| | 9.711 | MCF (Gas Loss) |
| % Natural Gas | 100 | |
| Total Gas Loss | 9.711 | |

Emission Factors:

| | | |
|--------------|-------|---|
| gm-Moles/scf | 1.263 | |
| gm/lbs | 454 | 5 |

Components(Mol%)

| | |
|-------------------|---------|
| N2 | 0.43 |
| CO2 | 1.68 |
| C1 (ethane) | 7.65 |
| C2 (propane) | 3.34 |
| C3 (methane) | 84.1 |
| iC4 (Isobutane) | 0.61 |
| nC4 (butane) | 0.93 |
| iC5 (iso-pentane) | 0.34 |
| nC5 (n-pentane) | 0.27 |
| C6+ (heptane) | 0.6 |
| Avg MW(Total) | 42.02 |
| Avg MW(VOC) | 44.93 |
| BTU/SCF | 2365.47 |

| | |
|---------------------|---|
| Gas Loss | Emissions to Atmosphere <u>VOC (LBS)</u> |
| 9.711 MCF | 1051.96 |

Canyon Largo NP #187
Released Liquids Estimation
NMOCD Incident Number nAPP2612439552

| Current Length of Flow Path (Feet) | Current Width of Flow Path (Feet) | Current Depth of Flow Path (Feet) | Current Square Feet (surface expression) | Current Cubic Yards of Soil Impacted | Estimated Liquids Released (BBLs) |
|---|--|--|---|---|--|
| 300 | 2 to 3 | 2 | 900 | 67 | 5-10 |

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 584714

QUESTIONS

| | |
|---|---|
| Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210 | OGRID: 241602 |
| | Action Number: 584714 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

QUESTIONS

| | |
|----------------------|--|
| Prerequisites | |
| Incident ID (n#) | nAPP2612439552 |
| Incident Name | NAPP2612439552 CANYON LARGO NP #187 @ F-20-25N-06W |
| 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 | Canyon Largo NP #187 |
| Date Release Discovered | 05/04/2026 |
| Surface Owner | Federal |

| | |
|--|---------------------|
| 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: Corrosion Pipeline (Any) Condensate Released: 5 BBL Recovered: 0 BBL Lost: 5 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. |

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, Page 2

Action 584714

QUESTIONS (continued)

| | |
|---|---|
| Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210 | OGRID: 241602 |
| | Action Number: 584714 |
| | 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) | More info needed to determine if this will be treated as a "gas only" report. |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | No |
| Reasons why this would be considered a submission for a notification of a major release | <i>Unavailable.</i> |

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 | None |

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: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 05/13/2026 |
|--|---|

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, Page 3

Action 584714

QUESTIONS (continued)

| | |
|---|---|
| Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210 | OGRID: 241602 |
| | Action Number: 584714 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

QUESTIONS

Site Characterization
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.

| | |
|--|--------------------------------------|
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 26 and 50 (ft.) |
| What method was used to determine the depth to ground water | NM OSE iWaters Database Search |
| Did this release impact groundwater or surface water | No |
| 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 | Zero feet, overlying, or within area |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Between 500 and 1000 (ft.) |
| An occupied permanent residence, school, hospital, institution, or church | Between 1 and 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Between 1 and 5 (mi.) |
| Any other fresh water well or spring | Between 1 and 5 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) |
| A wetland | Between 500 and 1000 (ft.) |
| A subsurface mine | Greater than 5 (mi.) |
| An (non-karst) unstable area | Greater than 5 (mi.) |
| Categorize the risk of this well / site being in a karst geology | Low |
| A 100-year floodplain | Between 1/2 and 1 (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site | No |

Remediation Plan
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.

| | |
|---|----|
| Requesting a remediation plan approval with this submission | No |
|---|----|

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.

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

CONDITIONS

Action 584714

CONDITIONS

| | |
|---|---|
| Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210 | OGRID: 241602 |
| | Action Number: 584714 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------------|---|----------------|
| michael.buchanan | Initial C141 is approved. A remediation work plan, site characterization plan or remediation closure is due to the OCD no later than 90-days after the date of discovery, not to exceed 08/05/2026. | 5/14/2026 |