District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

| | |
|---|---|
| Incident ID | NCH1834657063 |
| District RP | 1RP-5269 |
| Facility ID | fCH1834656628 |
| Application ID | pCH1834658541 |

# Release Notification

## Responsible Party

| | | | |
|---|---|---|---|
| Responsible Party | Enterprise Field Services, LLC | OGRID | 241602 |
| Contact Name | Alena Miro | Contact Telephone | 575-628-6802 |
| Contact email | ammiro@eprod.com | Incident # (if applicable) | NCH1834657063 1009 PIPELINE @ FCH1834656628 |
| Contact mailing address | PO Box 4324, Houston, TX 77210 | | |

## Location of Release Source

Latitude N 32.427189 Longitude W -103.640416
*(NAD 83 in decimal degrees to 5 decimal places)*

| | |
|---|---|
| Site Name 1009 Pipeline | Site Type Pipeline ROW |
| Date Release Discovered 10/28/2018 | API# *(if applicable)* N/A |

| Unit Letter | Section | Township | Range | County |
|---|---|---|---|---|
| A | 2 | 22S | 32E | Lea |

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private : N/A

## Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

| | | |
|---|---|---|
| ☐ Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| ☐ Produced Water | Volume Released (bbls) | Volume Recovered (bbls) |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | ☐ Yes ☐ No |
| ☐ Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| ☒ Natural Gas | Volume Released (Mcf) 2,437 MCF | Volume Recovered (Mcf) 0 MCF |
| ☒ Other (describe) | Volume/Weight Released (provide units) Pipeline Liquids - 300 bbl | Volume/Weight Recovered (provide units) 0 bbl |

Cause of Release

Natural gas and pipeline liquids were released due to a pipeline strike by a third party.

State of New Mexico
Oil Conservation Division

| | |
|---|---|
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| | |
|---|---|
| Was this a major release as defined by 19.15.29.7(A) NMAC?<br><br>☒ Yes ☐ No | If YES, for what reason(s) does the responsible party consider this a major release?<br>The release is considered a major release as the estimated volume of gas and liquid released exceeded the major release thresholds as defined in 19.15.29.7(A). |

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
Yes; Gilbert Cordero, NMOCD - District 2's Emergency Contact, was notified via phone of the release location and major status on 10/28/2018 at 6:55 pm MST. District 2 was notified rather than District 1, as the released was originally believed to be in Eddy County. Jim Griswold, NMOCD Bureau Chief, was notified via voicemail of the release location and major status on 10/28/2018 at 7:10 pm MST.
Jim Griswold, Christina Hernandez and Olivia Yu were notified via email of all information contained in the initial notification C-141 form on 10/29/2018 at 2:08 pm

## 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.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

N/A

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

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.

Printed Name: Jon E. Fields  Title: Director, Field Environmental

Signature: Jon E. Fields  Date: 11-7-18

email: jefields@eprod.com  Telephone: 713-381-6684

**OCD Only**

Received by:  Date:

**RECEIVED**
**By CHernandez at 11:15 am, Dec 12, 2018**

**Facility :** 1009 **Date :** 10/28/2018

**Enter data in shaded fields to calculate gas volumes released due to leak and/or blowdown of system.**

| | |
|---|---|
| Hours of leak | 0.25 |
| Diameter of hole (inches) | 4 |
| Line Pressure at Leak | 141 |
| Volume of Gas Leaked | 624.40 |

**Calculations:**

**Volume of Gas Leaked (MSCF) = Diameter*Diameter*(Upstream Gauge Pressure + Atmospheric Pressure)*Hours of Leak**

****Reference: Pipeline Rules of Thumb Handbook, 3rd Edition, McAllister. Page 260. Assuming Standard Temperature and Pressure (14.7 psi and 60 F)**

| | |
|---|---|
| Footage of Pipe blowndown | 70963 |
| Initial line pressure | 398 |
| Diameter of Pipe (inches) | 12 |
| Volume of Gas Blown Down | 1812.96524 MSCF |

**Calculations:**

**Volume of Gas Blown Down (MSCF) = Volume at pipeline conditions (ft3)*(Gauge Pressure (psig)+Atmospheric Pressure 13.7 psi)*Standard Temperature (60F)**
**/(1000 scf/mscf)*Standard Pressure (14.7psi)*Temperature(F)*Z Factor**
**Volume at pipeline conditions (scf) = Diameter/12 (ft)*Diameter/12 (ft)*PI/4*Length of pipe (ft)**
****Reference: Gas Pipeline Hydraulics, Menson (2005) Pages 132-134. Assuming the Ideal Gas Law and Tpipeline = Tatm.**

| | | |
|---|---|---|
| Total Gas Loss | 2437.37 MSCF | 2.437 MMSCF |

**Cause/ Reason:** Line strike

**Corrective Action:** Isolated and blew down

**Name:** David Sedillo **Cell Phone:** 575-200-7981