

Cause of Release: The release was attributed to having to blowdown the pipeline in order to remove a hydrate. Once the hydrate was removed, a subsequent pipeline purge was conducted in order to put the line back in service. An additional 900 mcf field gas was released during the purge.

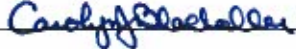
State of New Mexico
Oil Conservation Division

Incident ID	NAPP2107046630
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? An unauthorized release of gases exceeding 500 mcf.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? By Carolyn Blackaller to NMOCD District I on 3/5/2021 at 8:56am CST via email.	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
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: <u>Carolyn Blackaller</u>	Title: <u>Sr. Environmental Specialist</u>
Signature: <u></u>	Date: <u>3/11/2021</u>
email: <u>Carolyn.blackaller@energytransfer.com</u>	Telephone: <u>(432) 203-8920</u>
OCD Only Received by: <u>Ramona Marcu</u> Date: <u>4/9/2021</u>	

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Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Carolyn Blackaller Title: Sr. Environmental Specialist

Signature:  Date: 3/11/2021

email: Carolyn.blackaller@energytransfer.com Telephone: (432) 203-8920

OCD Only

Received by: Ramona Marcus Date: 4/9/2021

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

**Blowdown
Calculation**

Starting Pressure

Pressure 1314.7 psia
MW= 21.5 lb/lbmol
T= 69 F
Z= 0.661465
PIPE ID= 16 "

Calculations:

Gas Density= 7.52840585 lb/ft³

PIPELINE

Flow Are 1.395556 ft²
Pip Vol= 141473 ft³
Dens Dif -7.47251 lb/ft³
MassCor -1057159 lbs

MSCF= -18635.5

Purge Time Calculation

Diameter (in inches).....	16	RECOMMENDED PURGE TIME	45
Length (in miles).....	19.200	ACTUAL PURGE TIME (in min)	40
Pipeline Pressure (psia)	100	VOLUME OF PURGE GAS (Mcf)	900
Blowdown Size (valve).....	4		
K (Blowoff Coefficient).....	13.50		

Volume of Purge Gas = (Purge time)*(Blowoff CoE)*(Pipeline Pressure)/60