

Pipeline Information
Enter the information about the pipeline (Primary Name is required).
Primary Name: 11500
Secondary Name: RATTLESNAKE LINE
Tertiary Name:
Agency Acct. No.:
Description: RATTLESNAKE LINE

Physical Location of the Pipeline
Both coordinates must be entered in decimal format. If you need to convert from another format, press this conversion button.
Latitude: 32.05074
Longitude: -103.61726
County: Lea, NM (FIPS Code: 35025, ID: 38)

Total Actual Volume Released for Stream #1
Directly enter the total actual volume released (mcf/event): 791.30
Calculate the total actual volume released based on pipeline diameter, length, and pressure:
Diameter (in): Length (ft): Pressure (psia):
Calculated Volume: $3.14159 \text{ (pi)} * (\text{Diameter (in)} / 12 \text{ (in/ft)} / 2 \text{ (diameter to radius)})^2 * \text{Length (ft)} * \text{Pressure (psia)} / 14.7 \text{ (psia)} / 1000 \text{ (cf/mcf)} = \text{Volume (mcf/event)}$

third party struck our clearly marked line and released gas to atmosphere, no injuries, the third party will report the C 141 12" 26,928 feet at 550 #

Name: 718679-00
Type: Gas Analysis Certificate
Pressure (psia): 771
BTU Content (Btu/dscf): 1108.4
Date: 01/01/2009 00:00:00
Temperature (°F): 81

Compound	Analysis Value	Units
Carbon Dioxide	0.00308	Mole Frac
Ethane	0.06775	Mole Frac
Hexane	0.00364	Mole Frac
i-Butane	0.00404	Mole Frac
i-Pentane	0.00191	Mole Frac
Methane	0.88682	Mole Frac
n-Butane	0.00489	Mole Frac
Nitrogen	0.00575	Mole Frac
n-Pentane	0.00127	Mole Frac
Propane	0.02086	Mole Frac
Total:	1.00001	

mostly "spray"



Pollutant	Amount Released	Units	Calculation Used to Obtain Released Amount
Benzene		lb/event	
Carbon Dioxide	278.536	lb/event	$791.296 \text{ (mcf/event)} * 1000 \text{ (cf/mcf)} * 0.00308 \text{ (mole fraction)} * 4$
Carbon Disulfide		lb/event	
Carbon Monoxide		lb/event	
Carbonyl Sulfide		lb/event	
Ethane	4,177.426	lb/event	$791.296 \text{ (mcf/event)} * 1000 \text{ (cf/mcf)} * 0.06775 \text{ (mole fraction)} * 5$
Ethylbenzene		lb/event	
Helium		lb/event	
Hexane	644.892	lb/event	$791.296 \text{ (mcf/event)} * 1000 \text{ (cf/mcf)} * 0.00364 \text{ (mole fraction)} * 8$
Hexane +		lb/event	
Hydrogen Sulfide		lb/event	
i-Butane	482.432	lb/event	$791.296 \text{ (mcf/event)} * 1000 \text{ (cf/mcf)} * 0.00404 \text{ (mole fraction)} * 5$
i-Pentane	283.236	lb/event	$791.296 \text{ (mcf/event)} * 1000 \text{ (cf/mcf)} * 0.00191 \text{ (mole fraction)} * 7$
Mercaptan - Ethyl		lb/event	
Mercaptan - i-Propyl		lb/event	
Mercaptan - Methyl		lb/event	
Mercaptan - n-Propyl		lb/event	
Mercaptan - sec-Butyl		lb/event	
Methane	29,163.101	lb/event	$791.296 \text{ (mcf/event)} * 1000 \text{ (cf/mcf)} * 0.88682 \text{ (mole fraction)} * 1$
Natural Gas	4,073.760	lb/event	Sum of emissions: 1890.73705 (lb/event for Propane) + 584.1343
n-Butane	584.134	lb/event	$791.296 \text{ (mcf/event)} * 1000 \text{ (cf/mcf)} * 0.00489 \text{ (mole fraction)} * 5$
Nitrogen	330.906	lb/event	$791.296 \text{ (mcf/event)} * 1000 \text{ (cf/mcf)} * 0.00575 \text{ (mole fraction)} * 2$
Nitrogen Dioxide		lb/event	
Nitrogen Oxide		lb/event	
Nitrogen Oxides		lb/event	
n-Pentane	188.329	lb/event	$791.296 \text{ (mcf/event)} * 1000 \text{ (cf/mcf)} * 0.00127 \text{ (mole fraction)} * 7$
Propane	1,890.737	lb/event	$791.296 \text{ (mcf/event)} * 1000 \text{ (cf/mcf)} * 0.02086 \text{ (mole fraction)} * 4$
Sulfur Dioxide		lb/event	
Toluene		lb/event	
VOC	4,073.760	lb/event	Sum of emissions: 1890.73705 (lb/event for Propane) + 584.1343
Xylene		lb/event	

nearest well .5 miles north of strike

