

NM OIL CONSERVATION

ARTESIA DISTRICT

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

NOV 28 2017

Form C-141
Revised April 3, 2017

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

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

RECEIVED

FAB1735342973

Release Notification and Corrective Action

NAB1735344070

OPERATOR

Initial Report Final Report

Name of Company Frontier Field Services (Aka Energy) 221115 Contact Harley Everhart	
Address 65 Mercado, Suite 201, Durango, CO 81301	Telephone No. 575-513-4922
Facility Name Coyote Compressor Station	Facility Type Compressor Station
Surface Owner Private	Mineral Owner
API No. N/A	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	34	17S	28E					Eddy

Latitude 32°47'21.95"N Longitude 104°9'36.37"W, NAD83

32.78943055

NATURE OF RELEASE

- 104.16010277

Type of Release: Natural Gas	Volume of Release: 300 mcf	Volume Recovered 0
Source of Release: Pipeline	Date and Hour of Occurrence November 21, 2017, ~13:55	Date and Hour of Discovery November 21, 2017, ~13:55
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? N/A	
By Whom? N/A	Date and Hour: N/A	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	
If a Watercourse was Impacted, Describe Fully.* N/A		

Describe Cause of Problem and Remedial Action Taken.*

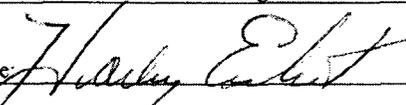
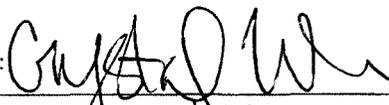
An uncontrolled minor release of natural gas occurred from a gas gathering pipeline in Eddy County. The location of the line is approximately: Latitude: 32°47'21.95"N; Longitude: 104°9'36.37"W. The release of approximately 300 mcf occurred on November 21, 2017, at approximately 13:55 hours and lasted approximately 20 minutes while Aka Energy Group, LLC employees blocked in the line. During this time, traffic on NM Hwy 360 was stopped temporarily as a precaution. No liquid was associated with this incident. The preliminary finding of cause - internal corrosion.

This reporting requirements is based on NMAC 19.15.29.7(B)

Describe Area Affected and Cleanup Action Taken.*

No personnel injuries resulted from this incident. Pipeline replacement is the plan.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Harley Everhart	Approved by Environmental Specialist: 	
Title: EHS Tech III	Approval Date: 12/18/17	Expiration Date: N/A
E-mail Address: heverhart@akaenergy.com	Conditions of Approval: Final	Attached <input type="checkbox"/> 2RP-4525
Date: 11/28/2017 Phone: 575-513-4922		

* Attach Additional Sheets If Necessary

12/15/17 AB

Aka Energy
SSM/MALFUNCTION EVENT FORM

Instructions: Please fill out the following information regarding the SSM/Malfunction event. Calculation inputs have been highlighted in yellow. One form shall be filled out for a single event.

Event Type: Maintenance

Did the release occur within the property line of a site, or at a pipeline?

Location (Name of site or Pipeline ID): Coyote Compressor Station Discharge - New Mexico

If pipeline, provide coordinates:

Date: 11/21/2017

Start time: 13:55

End time: 14:15

Description of Event: At approximately 13:55 hours the Coyote CS discharge line separated and natural gas was released into the atmosphere. (their were no liquids associated with this leak). The gas was immediately blocked in until an investigation can be conducted to determine the cause of the pipeline separation.

Corrective Actions Taken: An estimate of gases to be release was determined using an analysis from the Coyote discharge (633042) Gas. The damaged line will remain blocked in until a full investigation is conducted and based on that investigation will determine the corrective action for repairs.

Blowdown Dimensions: 1.143 ft. length 12 inches diameter = 0.7854 ft³ = 898 ft³

Total Blowdown Volume (acf): 898

Pressure (psi): 500

Standard Volume (scf): 300,000 (acf x ratio of pipeline pressure to atmospheric pressure)

Flared? No

Volume of Spill (gal):

Within ROW?

Material Spilled/Released: Natural Gas

Gas Composition:

Component	mole%	MW	wgt. %
Water	0.000%	18.010	0.000%
Nitrogen	1.378%	28.013	1.698%
Carbon Dioxide	2.291%	44.010	4.436%
Oxygen	0.000%	31.999	0.000%
Hydrogen Sulfide	1.000%	34.081	1.499%
Methane	70.291%	16.043	49.608%
Ethane	14.729%	30.070	19.484%
Benzene	0.000%	78.11	0.000%
Toluene	0.000%	92.140	0.000%
Ethylbenzene	0.000%	106.169	0.000%
Xylene	0.000%	106.169	0.000%
Propane	6.584%	44.097	12.772%
i-Butane	0.739%	58.123	1.890%
n-Butane	1.794%	58.123	4.587%
i-Pentane	0.405%	72.150	1.285%
n-Pentane	0.406%	72.150	1.289%
n-Hexane	0.383%	86.172	1.452%
Other Hexanes	0.000%	86.172	0.000%
Heptanes		100.198	0.000%
Octanes +		114.224	0.000%
Total	100.000%	22.731671	100.000%
Total VOC	10.311%		23.275%
Specific Gravity	0.7849		
Higher Heating Value (Btu/scf)	1272		

Emission Rate Calculation:

Reportable Quantity (lbs):

Gas Stream Density (lb/scf):	0.0600	
Control Efficiency (%):	0	
VOC Emissions (lbs):	4,188	NA
Methane (lbs):	8,926	10,000
H ₂ S Emissions (lbs):	270	100
Benzene Emissions (lbs):	0	10
Toluene Emissions (lbs):	0	1000
Ethylbenzene Emissions (lbs):	0	100
Xylenes Emissions (lbs):	0	100
NO _x Emissions (lbs):	--	
CO Emissions (lbs):	--	
SO ₂ Emissions (lbs):	--	

Reporting Instructions:

N/A	Call NMOCD immediately, and submit C-141 form within 10 days of event.
X	Submit form C-141 to NMOCD within 15 days of event.
N/A	If outside ROW, notify land owner (BLM, State of NM, or Private)
N/A	No reporting necessary, keep record of event and emissions.
N/A	Review air permit conditions, ensure that event is permitted. If not permitted, submit Excess Emission Report to NMED via online form within 24 hours.
N/A	If refined product (lube oil, glycol) notify Groundwater Quality Bureau. If condensate or oil, notify NMOCD. If liquid was contained, no notification needed.

MANLEY GAS TESTING, INC.

P.O. DRAWER 193
OFFICE (432) 367-3024

FAX (432) 367-1166

ODESSA, TEXAS 79760
E-MAIL: MANLEYGAST@AOL.COM

CHARGE..... 150 - 0
REC. NO. 4
TEST NUMBER.. 18389

DATE SAMPLED..... 09-13-17
DATE RUN..... 09-15-17
EFFEC. DATE..... 10-01-17

STATION NO. ... 633042

PRODUCER FRONTIER FIELD SERVICES

SAMPLE NAME.... COYOTE DISCHARGE TYPE: SPOT

RECEIVED FROM.. FRONTIER FIELD SERVICES LLC - MALJAMAR

FLOWING PRESSURE 647.4 PSIA FLOWING TEMPERATURE 115 F

SAMPLED BY: TH CYLINDER NO. ...

FRACTIONAL ANALYSIS
CALCULATED @ 14.650 PSIA AND 60F

	MOL%	GPM (REAL)	
HYDROGEN SULFIDE...	1.000		
NITROGEN.....	1.378		
CARBON DIOXIDE.....	2.291		
METHANE.....	70.291		
ETHANE.....	14.729	3.933	H2S PPMV = 10000
PROPANE.....	6.584	1.811	
ISO-BUTANE.....	0.739	0.241	
NOR-BUTANE.....	1.794	0.564	
ISO-PENTANE.....	0.405	0.148	'Z' FACTOR (DRY) = 0.9959
NOR-PENTANE.....	0.406	0.147	'Z' FACTOR (WET) = 0.9955
HEXANES +.....	0.383	0.167	
TOTALS	100.000	7.011	CALC. MOL. WT. = 22.76

..CALCULATED SPECIFIC GRAVITIES..

REAL, DRY 0.7887
REAL, WET 0.7862

..CALCULATED GROSS HEATING VALUES..

BTU/CF - REAL, DRY 1272
BTU/CF - REAL, WET 1251

DISTRIBUTION AND REMARKS:

N

ANALYZED BY: JT
** R **
~ HE ~

APPROVED: 

Weaver, Crystal, EMNRD

From: Everhart, Harley <heverhart@akaenergy.com>
Sent: Tuesday, November 28, 2017 4:00 PM
To: Weaver, Crystal, EMNRD
Cc: Coufal, Mark
Subject: C-141 report
Attachments: Coyote CS Blowout_C141Rpt_11.21.2017.pdf

Hello Crystal,

Attached is a C-141 report associated with a pipeline discharge from one of our compressor station (Coyote). If you need additional information please feel free to contact me anytime.

Respectfully,

Harley Everhart

EH&S Compliance

(575) 676-3505 - Direct
(575) 513-4922 - Cell
(575) 676-2401 - Fax
heverhart@akaenergy.com



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