

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. 18
TEST NUMBER.. 23729

DATE SAMPLED..... 04-28-21
DATE RUN..... 04-29-21
EFFEC. DATE..... 04-01-21

STATION NO. ... 06011008

PRODUCER DURANGO MIDSTEAM

SAMPLE NAME.... CEDAR LAKE FLARE GAS

TYPE: COMPOSITE

RECEIVED FROM.. FRONTIER FIELD SERVICES LLC - MALJAMAR

FLOWING PRESSURE 126.0 PSIA

FLOWING TEMPERATURE 65 F

SAMPLED BY: JT

CYLINDER NO. ...

FRACTIONAL ANALYSIS
CALCULATED @ 14.650 PSIA AND 60F

	MOL%	GPM (REAL)
HYDROGEN SULFIDE...	0.040	
NITROGEN.....	2.797	
CARBON DIOXIDE.....	0.628	
METHANE.....	73.527	
ETHANE.....	11.838	3.161
PROPANE.....	6.091	1.676
ISO-BUTANE.....	0.781	0.255
NOR-BUTANE.....	1.957	0.616
ISO-PENTANE.....	0.541	0.198
NOR-PENTANE.....	0.557	0.202
HEXANES +.....	1.243	0.542
TOTALS	100.000	6.650

H2S PPMV = 400

'Z' FACTOR (DRY) = 0.9959

'Z' FACTOR (WET) = 0.9955

CALC. MOL. WT. = 22.65

..CALCULATED SPECIFIC GRAVITIES..

REAL, DRY 0.7852

REAL, WET 0.7827

..CALCULATED GROSS HEATING VALUES..

BTU/CF - REAL, DRY 1303

BTU/CF - REAL, WET 1281

DISTRIBUTION AND REMARKS:

N

ANALYZED BY: JT

** R **

~ HE ~

APPROVED: 

Date of Report:
 Time of Report:
 Durango Midstream Entity:
 Durango Midstream Facility:
 Gathering System ID:

10/10/21
10:52am
Frontier Field Services, LLC
Cedar Lake 10" Steel Intermediate Line
Maljamar: 71540 FF 301 B

Release Information

Release Event Type:
 If Release Type = Air Emission Event - Please Choose:

Leak - Pipeline Release
Emergency

Comments:

Natural-H2S Gas Release

NMOC Ticket:

	BLOWDOWN VOLUME CALCULATOR	
Pipe Material	STEEL	
Pipe OD	10"	
WallThickness	0.25	inches
Pressure	150	psig
Pipe Length	37,887	ft
Pipe Volume	9272.1	ft^3
Blowdown Volume	103.885	MCF

Media Impacted by Release:
 Date of Release Discovery:
 Time of Release Discovery:
 Event Start Date:
 Event Start Time:
 Event End Date:
 Event End Time:

Soil
10/10/21
3:14am
10/10/21
6:18am
10/10/21
7:18am

Material Released:
 If other - Specify

Natural Gas	Field Gas

Estimated Quantity of Material Released (Gas & Liquid):

0	BBL	103.885	MSCF
0	BBL		MSCF

Estimated Quantity of Material Recovered:

Where any Materials Released Off-site?

No
No

Is the Release Event Reportable?

Agency Name Release Reported to:

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Does the Release Require Remediation?

No

Latitude of Spill or Release: (Decimal)

32.793324

Longitude of Spill or Release: (Decimal)

-103.795142

Name of Person Reporting Event:

Benny De La Cruz

Cause of the Event:

Internal Corrosion on bottom of pipeline.

Actions Taken to Correct Release Event:

Majamar Gas Plant was notified of line shutdown, Lusk Station intermediate line compressor was shutdown, launcher-receiver block valves were isolated per LOTO & blown down.
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District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 55038

QUESTIONS

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 55038
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Prerequisites	
<i>Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.</i>	
Incident Well	Not answered.
Incident Facility	[fAPP2123229442] Frontier Field Services Gathering System

Determination of Reporting Requirements	
<i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i>	
Was or is this venting and/or flaring caused by an emergency or malfunction	Yes
Did or will this venting and/or flaring last eight hours or more cumulatively within any 24-hour period from a single event	No
Is this considered a submission for a venting and/or flaring event	Yes, minor venting and/or flaring of natural gas.
<i>An operator shall file a form C-141 instead of a form C-129 for a release that, includes liquid during venting and/or flaring that is or may be a major or minor release under 19.15.29.7 NMAC.</i>	
Was there or will there be at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this venting and/or flaring result in the release of ANY liquids (not fully and/or completely flared) that reached (or has a chance of reaching) the ground, a surface, a watercourse, or otherwise, with reasonable probability, endanger public health, the environment or fresh water	No
Was the venting and/or flaring within an incorporated municipal boundary or withing 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

Equipment Involved	
Primary Equipment Involved	Not answered.
Additional details for Equipment Involved. Please specify	Not answered.

Representative Compositional Analysis of Vented or Flared Natural Gas	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	74
Nitrogen (N2) percentage, if greater than one percent	12
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	1
Oxygen (O2) percentage, if greater than one percent	0
<i>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</i>	
Methane (CH4) percentage quality requirement	Not answered.
Nitrogen (N2) percentage quality requirement	Not answered.
Hydrogen Sulfide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (CO2) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

Date(s) and Time(s)	
Date venting and/or flaring was discovered or commenced	10/10/2021
Time venting and/or flaring was discovered or commenced	03:15 AM
Time venting and/or flaring was terminated	07:18 AM
Cumulative hours during this event	4

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Corrosion Pipeline (Any) Natural Gas Vented Released: 104 Mcf Recovered: 0 Mcf Lost: 104 Mcf]

Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	Not answered.
Is this a gas only submission (i.e. only significant Mcf values reported)	Yes, according to supplied volumes this appears to be a "gas only" report.

Venting or Flaring Resulting from Downstream Activity	
Was or is this venting and/or flaring a result of downstream activity	Not answered.
Was notification of downstream activity received by you or your operator	Not answered.
Downstream OGRID that should have notified you or your operator	Not answered.
Date notified of downstream activity requiring this venting and/or flaring	Not answered.
Time notified of downstream activity requiring this venting and/or flaring	Not answered.

Steps and Actions to Prevent Waste	
For this event, the operator could not have reasonably anticipated the current event and it was beyond the operator's control.	True
Please explain reason for why this event was beyond your operator's control	Internal corrosion on bottom of pipeline caused release. Operator unable to detect corrosion.
Steps taken to limit the duration and magnitude of venting and/or flaring	Majamar Gas Plant was notified of line shutdown, Lusk Station intermediate line compressor was shutdown, launcher-receiver block valves were isolated per LOTO & blown down.
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	repaired pipeline corrosion.

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CONDITIONS
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CONDITIONS

Created By	Condition	Condition Date
mtaylor	If the information provided in this report requires an amendment, submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	10/11/2021