

## MANLEY GAS TESTING, INC.

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

FAX(432)367-1166

ODESSA, TEXAS 79760  
E-MAIL: MANLEYGAST@AOL.COMCHARGE..... 150 - 0  
REC. NO. .... 1  
TEST NUMBER.. 51298DATE SAMPLED..... 04-27-21  
DATE RUN..... 04-30-21  
EFFECT. DATE..... 04-01-21

STATION NO. ... 633048

PRODUCER ..... DURANGO MIDSTREAM

SAMPLE NAME.... FADEAWAY RIDGE COMP. FLARE

TYPE: SPOT

RECEIVED FROM.. FRONTIER FIELD SERVICES LLC - MALJAMAR

FLOWING PRESSURE ..... 570.1 PSIA

FLOWING TEMPERATURE ..... 100 F

SAMPLED BY: FT

CYLINDER NO. ...

FRACTIONAL ANALYSIS  
CALCULATED @ 14.650 PSIA AND 60F

	MOL%	GPM (REAL)
HYDROGEN SULFIDE...	0.000	
NITROGEN.....	1.462	
CARBON DIOXIDE.....	0.319	
METHANE.....	77.487	
ETHANE.....	11.644	3.107
PROPANE.....	5.365	1.475
ISO-BUTANE.....	0.734	0.240
NOR-BUTANE.....	1.698	0.534
ISO-PENTANE.....	0.399	0.146
NOR-PENTANE.....	0.398	0.144
HEXANES +.....	0.494	0.215
TOTALS .....	100.000	5.861

'Z' FACTOR (DRY) = 0.9963  
'Z' FACTOR (WET) = 0.9960

CALC. MOL. WT. = 21.29

## ..CALCULATED SPECIFIC GRAVITIES..

REAL, DRY ..... 0.7377

REAL, WET ..... 0.7360

## ..CALCULATED GROSS HEATING VALUES..

BTU/CF - REAL, DRY ..... 1261

BTU/CF - REAL, WET ..... 1239

## DISTRIBUTION AND REMARKS:

N

ANALYZED BY: JT  
\*\* R \*\*

APPROVED:



**Facility:** Fadeaway Ridge CS  
**Date:** 10/24/2021

FL-1_Flare		
Time	Event Type	Flare Volume (Mcf)
0:00	SSM	0.01
1:00	-	0.00
2:00	-	0.00
3:00	SSM	0.04
4:00	SSM	0.14
5:00	SSM	0.19
6:00	SSM	0.21
7:00	SSM	0.10
8:00	-	0.00
9:00	-	0.00
10:00	SSM	4.57
11:00	SSM	87.67
12:00	SSM	14.18
13:00	SSM	4.13
14:00	-	0.00
15:00	-	0.00
16:00	-	0.00
17:00	-	0.00
18:00	-	0.00
19:00	-	0.00
20:00	-	0.00
21:00	-	0.00
22:00	-	0.00
23:00	-	0.00

**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 58048

**QUESTIONS**

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 58048
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS****Prerequisites**

Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.

Incident Well	Not answered.
Incident Facility	[fAPP2123032975] Fadeaway Ridge Compressor Station

**Determination of Reporting Requirements**

Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.

Was or is this venting and/or flaring caused by an emergency or malfunction	No
Did or will this venting and/or flaring last eight hours or more cumulatively within any 24-hour period from a single event	Yes
Is this considered a submission for a venting and/or flaring event	Yes, minor venting and/or flaring of natural gas.
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.	
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**

Please provide the mole percent for the percentage questions in this group.

Methane (CH4) percentage	78
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	0
Oxygen (O2) percentage, if greater than one percent	0

If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.

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	10/24/2021
Time venting and/or flaring was discovered or commenced	12:01 AM
Time venting and/or flaring was terminated	02:00 PM
Cumulative hours during this event	10

**Measured or Estimated Volume of Vented or Flared Natural Gas**

Natural Gas Vented (Mcf) Details	Not answered.
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Natural Gas Flared (Mcf) Details	Cause: Repair and Maintenance   Gas Compressor Station   Natural Gas Flared   Released: 111 Mcf   Recovered: 0 Mcf   Lost: 111 Mcf
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.	False
Please explain reason for why this event was beyond your operator's control	Not answered.
Steps taken to limit the duration and magnitude of venting and/or flaring	Unit C-102 was experiencing intermittent shutdowns, rental company called out to identify and resolve issue.
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	compressor rental company repaired intermittent shutdown issue

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CONDITIONS

Action 58048

## CONDITIONS

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	Action Number: 58048
	Action Type: [C-129] Venting and/or Flaring (C-129)

## 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.	10/27/2021