

## 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. .... 18  
TEST NUMBER.. 23341DATE SAMPLED..... 01-21-21  
DATE RUN..... 01-25-21  
EFEC. DATE..... 02-01-21

STATION NO. ... 06511002

PRODUCER ..... DURANGO MIDSTREAM

SAMPLE NAME.... BKU FLARE

TYPE: SPOT

RECEIVED FROM.. FRONTIER FIELD SERVICES LLC - MALJAMAR

FLOWING PRESSURE ..... 24.0 PSIA

FLOWING TEMPERATURE ..... 65 F

SAMPLED BY: DD

CYLINDER NO. ...

FRACTIONAL ANALYSIS  
CALCULATED @ 14.650 PSIA AND 60F

	MOL%	GPM (REAL)
HYDROGEN SULFIDE...	1.000	
NITROGEN.....	1.743	
CARBON DIOXIDE.....	2.071	
METHANE.....	63.739	
ETHANE.....	16.716	4.468
PROPANE.....	8.554	2.355
ISO-BUTANE.....	1.026	0.336
NOR-BUTANE.....	2.636	0.830
ISO-PENTANE.....	0.672	0.245
NOR-PENTANE.....	0.721	0.261
HEXANES +.....	1.122	0.490
TOTALS .....	100.000	8.985

H2S PPMV = 10000

'Z' FACTOR (DRY) = 0.9949

'Z' FACTOR (WET) = 0.9945

CALC. MOL. WT. = 24.94

## ..CALCULATED SPECIFIC GRAVITIES..

REAL, DRY ..... 0.8653

REAL, WET ..... 0.8614

## ..CALCULATED GROSS HEATING VALUES..

BTU/CF - REAL, DRY ..... 1390

BTU/CF - REAL, WET ..... 1367

## DISTRIBUTION AND REMARKS:

N

ANALYZED BY: JT

\*\* R \*\*

~ HE ~

APPROVED:



Facility: BKU CS  
Date: 4/14/2022

FL-1_Flare		
Time	Event Type	Flare Volume (Mcf)
0:00	-	0.0
1:00	-	0.0
2:00	-	0.0
3:00	Malfunction	10.3
4:00	-	0.0
5:00	Malfunction	0.5
6:00	Malfunction	464.3
7:00	Malfunction	66.7
8:00	Malfunction	142.1
9:00	Malfunction	206.1
10:00	Malfunction	280.6
11:00	Malfunction	329.1
12:00	Malfunction	380.1
13:00	Malfunction	394.7
14:00	Malfunction	400.0
15:00	Malfunction	401.2
16:00	Malfunction	397.7
17:00	Malfunction	403.2
18:00	Malfunction	400.3
19:00	Malfunction	406.8
20:00	Malfunction	337.9
21:00	Malfunction	142.7
22:00	Malfunction	48.9
23:00	Malfunction	13.6

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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**

DEFINITIONS  
  
Action 99742

DEFINITIONS

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 99742
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

DEFINITIONS

For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application: <ul style="list-style-type: none"><li>• this application's operator, hereinafter "this operator";</li><li>• venting and/or flaring, hereinafter "vent or flare";</li><li>• any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";</li><li>• the statements in (and/or attached to) this, hereinafter "the statements in this";</li><li>• and the past tense will be used in lieu of mixed past/present tense questions and statements.</li></ul>
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QUESTIONS

Action 99742

**QUESTIONS**

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 99742
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

**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 Operator	[221115] FRONTIER FIELD SERVICES, LLC
Incident Type	Flare
Incident Status	Closure Approved
Incident Well	Not answered.
Incident Facility	[fAPP2123032650] BKU Compressor Station

Only valid Vent, Flare or Vent with Flaring incidents (selected above in the Application Details section) that are assigned to your current operator can be amended with this C-129A application.

**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 this vent or flare caused by an emergency or malfunction	Yes
Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event	Yes
Is this considered a submission for a vent or flare event	Yes, major 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 <b>at least 50 MCF</b> of natural gas vented and/or flared during this event	Yes
Did this vent or flare result in the release of <b>ANY</b> 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 vent or flare 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	63
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	1
Carbon Dioxide (CO2) percentage, if greater than one percent	2
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	0
Nitrogen (N2) percentage quality requirement	0
Hydrogen Sulfide (H2S) PPM quality requirement	0
Carbon Dioxide (CO2) percentage quality requirement	0
Oxygen (O2) percentage quality requirement	0

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QUESTIONS, Page 2  
  
Action 99742

QUESTIONS (continued)

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	Action Number: 99742
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/14/2022
Time vent or flare was discovered or commenced	03:00 AM
Time vent or flare was terminated	11:59 PM
Cumulative hours during this event	20

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Repair and Maintenance   Gas Compressor Station   Natural Gas Flared   Released: 5,227 MCF   Recovered: 0 MCF   Lost: 5,227 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 this vent or flare a result of downstream activity	No
Was notification of downstream activity received by this operator	No
Downstream OGRID that should have notified this operator	0
Date notified of downstream activity requiring this vent or flare	01/01/1900
Time notified of downstream activity requiring this vent or flare	12:00 AM

Steps and Actions to Prevent Waste	
For this event, this operator could not have reasonably anticipated the current event and it was beyond this operator's control	False
Please explain reason for why this event was beyond this operator's control	Not answered.
Steps taken to limit the duration and magnitude of vent or flare	Plant backed out gas due to TP2 contactor repairs, which caused high inlet pressure.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Brought down inlet pressure to safe levels, restarted units and resumed normal operations once capable.

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ACKNOWLEDGMENTS

Action 99742

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**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	I acknowledge that with this application I will be amending an existing incident file (assigned to this operator) for a vent or flare event, pursuant to 19.15.27 and 19.15.28 NMAC.
<input checked="" type="checkbox"/>	I acknowledge that amending an incident file does not replace original submitted application(s) or information and understand that any C-129 forms submitted to the OCD will be logged and stored as public record.
<input checked="" type="checkbox"/>	I hereby certify the statements in this amending report are true and correct to the best of my knowledge and acknowledge that any false statement may be subject to civil and criminal penalties under the Oil and Gas Act.
<input checked="" type="checkbox"/>	I acknowledge that the acceptance of any C-129 forms by the OCD does not relieve this operator of liability should their operations have failed to adequately investigate, report, and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment.
<input checked="" type="checkbox"/>	I acknowledge that OCD acceptance of any C-129 forms does not relieve this operator of responsibility for compliance with any other applicable federal, state, or local laws and/or regulations.

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CONDITIONS

Action 99742

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	Action Number: 99742
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**CONDITIONS**

Created By	Condition	Condition Date
aakhgar	If the information provided in this report requires further amendment(s), submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	4/19/2022