

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. 3
TEST NUMBER.. 25634DATE SAMPLED..... 12-13-22
DATE RUN..... 12-16-22
EFFEC. DATE..... 01-01-23

STATION NO. ... 06012001

PRODUCER DURANGO MIDSTREAM

SAMPLE NAME.... CAVINESS RANCH MASTER

TYPE: SPOT

RECEIVED FROM.. FRONTIER FIELD SERVICES LLC - MALJAMAR

FLOWING PRESSURE 34.2 PSIA

FLOWING TEMPERATURE 54 F

SAMPLED BY: FT

CYLINDER NO. ...

FRACTIONAL ANALYSIS
CALCULATED @ 14.650 PSIA AND 60F

	MOL%	GPM (REAL)
HYDROGEN SULFIDE...	0.030	
NITROGEN.....	3.748	
CARBON DIOXIDE.....	0.909	
METHANE.....	73.660	
ETHANE.....	11.811	3.153
PROPANE.....	6.016	1.654
ISO-BUTANE.....	0.678	0.222
NOR-BUTANE.....	1.679	0.528
ISO-PENTANE.....	0.392	0.144
NOR-PENTANE.....	0.381	0.138
HEXANES +.....	0.696	0.303
TOTALS	100.000	6.142

H2S PPMV = 300

'Z' FACTOR (DRY) = 0.9963

'Z' FACTOR (WET) = 0.9959

CALC. MOL. WT. = 22.06

..CALCULATED SPECIFIC GRAVITIES..

REAL, DRY 0.7641

REAL, WET 0.7620

..CALCULATED GROSS HEATING VALUES..

BTU/CF - REAL, DRY 1249

BTU/CF - REAL, WET 1227

DISTRIBUTION AND REMARKS:

N

ANALYZED BY: KC

** R **

~ HE ~

APPROVED:



MANLEY GAS TESTING INC.
120 DOCK ROAD - ODESSA, TEXAS-432-367-3024

A SAMPLE OF 06012001 - DMS - CAVINESS RANCH MASTER - 12/13/22

=====

CAPILLARY EXTENDED
C-6+ ANALYSIS
(NORMALIZED TO 100%)

=====

PAGE NO. 2

COMPONENT -----	MOL% ----	WT% ----
4MOCTANE	0.129	0.185
3MOCTANE	0.051	0.073
O-XYLENE	0.080	0.095
IC4CYCPENTANE	0.037	0.052
N-NONANE	0.289	0.416
I-DECANE	0.011	0.017
1E1MCYC6	0.011	0.015
IC3BENZENE	0.029	0.039
2,3DMOCTANE	0.086	0.137
3EOCTANE	0.204	0.326
NC4CYCC6	0.104	0.163
NC3BENZENE	0.079	0.106
M+P E-TOLUENE	0.066	0.089
O-E-TOLUENE	0.022	0.030
2,2DMOCTANE	0.053	0.084
TERTBUTYLBENZENE	0.015	0.023
1,3,5TMBENZENE	0.011	0.015
3,6DMOCTANE	0.022	0.035
IC4BENZENE	0.081	0.122
N-DECANE	0.076	0.122
UNKNOWN C-6'S	0.000	0.000
UNKNOWN C-7'S	0.000	0.000
UNKNOWN C-8'S	0.014	0.018
UNKNOWN C-9'S	0.103	0.148
UNK C10'S THRU C14'S	0.049	0.093
UNK C15'S THRU C16'S	0.000	0.000
UNK C17'S THRU C20'S	0.000	0.000
TOTAL	100.000	100.000

=====

COMPONENT GROUPINGS (PARAFFINS-NAPTHENES-AROMATICS)

=====

	MOL%	WT%	* C6+ CHARACTERIZATION
-----	-----	-----	-----
TOTAL C-6'S	70.911	66.706	MOL.WEIGHT = 89.142
TOTAL C-7'S	23.462	25.760	SP.GRAVITY = 3.0778
TOTAL C-8'S	3.490	4.369	BTU/FT3(DRY) = 4763.819
TOTAL C-9'S	1.436	2.043	BTU/FT3(WET) = 4681.805
TOTAL C-10'S	0.652	1.029	CU.FT./GAL = 26.020
TOTAL C-11 THRU C-14	0.049	0.093	GAL/CU.FT. = 0.038432
TOTAL C-15 THRU C-16	0.000	0.000	MOL% C6+ AROMATICS = 10.438
TOTAL C-17 THRU C-20	0.000	0.000	
TOTAL	100.000	100.000	

=====

MANLEY GAS TESTING INC.
120 DOCK ROAD - ODESSA, TEXAS-432-367-3024

A SAMPLE OF 06012001 - DMS - CAVINESS RANCH MASTER - 12/13/22

=====

CAPILLARY EXTENDED
C-6+ ANALYSIS
(NORMALIZED TO 100%)

=====

PAGE NO. 1

=====

COMPONENT -----	MOL% -----	WT% -----
NEOHEXANE	0.415	0.401
2,3DMC4+CYC5	6.640	5.587
2MPENTANE	12.903	12.474
3MPENTANE	7.436	7.188
N-HEXANE	14.017	13.556
2,2 DMPENTANE	0.118	0.133
MCYCLOPENTANE	10.951	10.340
2,4 DMPENTANE	0.031	0.035
2,2,3 TMBUTANE	0.000	0.000
BENZENE	5.196	4.553
3,3 DMPENTANE	0.102	0.114
CYCLOHEXANE	13.353	12.607
2MHEXANE	1.538	1.729
2,3 DMPENTANE	1.266	1.423
3MHEXANE	1.916	2.153
DIMCYCPENTANES (GROUPED)	3.611	3.977
N-HEPTANE	3.206	3.604
MCYCLOHEXANE	7.745	8.531
2,2DMHEXANE	0.283	0.363
2,3,3TMPENTANE	0.000	0.000
TOLUENE	3.929	4.061
2,3DMHEXANE	0.043	0.055
2M3EPENTANE	0.012	0.015
2MHEPTANE	0.678	0.869
4MHEPTANE	0.049	0.063
3,4DMHEXANE	0.000	0.000
3MHEPTANE	0.346	0.444
TRIMCYCPENTANES (GROUPED)	0.119	0.148
DIMCYCHEXANES (GROUPED)	0.328	0.414
N-OCTANE	0.523	0.670
2,3,5TRIMHEXANE	0.024	0.034
2,2,4TRIMHEXANE	0.060	0.086
2,2DIMHEPTANE	0.009	0.013
2,2,3TRIMHEXANE	0.008	0.011
2,5DIMHEPTANE	0.017	0.025
I-NONANE	0.088	0.127
2,4DIMHEPTANE	0.269	0.387
E-CYCHEXANE	0.085	0.107
3,3DIMHEPTANE	0.027	0.038
2,6DIMHEPTANE	0.015	0.022
E-BENZENE	0.378	0.450
2,3DIMHEPTANE	0.070	0.100
M-XYLENE	0.434	0.517
P-XYLENE	0.118	0.141
3,4DIMHEPTANE	0.000	0.000
3EHEPTANE	0.022	0.032



Release Event Report

Date of Report:

05/30/24

Time of Report:

8:00 PM

Durango Midstream Entity:

Frontier Field Services, LLC

Durango Midstream Facility:

Bulldog 12" steel line

Gathering System ID:

Release Information

Release Event Type:

Leak - Pipeline Release

If Release Type = Air Emission Event - Please Choose:

Malfunction

Comments:

Natural-gas release from Bulldog 12" steel line.

#1 Rio Pecos GB Com 6in

NMOC Ticket:

Media Impacted by Release:

Air

Date of Release Discovery:

05/30/24

Time of Release Discovery:

7:30 AM

Event Start Date:

05/30/24

Event Start Time:

7:30 AM

Event End Date:

05/30/24

Event End Time:

3:30 PM

Material Released

Gas	Field Gas - Sour	78.32	MSCF	Estimated Quantity
Liquid	Condensate	0	BBL	Estimated Quantity
If other - Specify				

Where any Materials Released Off-site?

No

Is the Release Event Reportable?

No

Agency Name Release Reported to:

Does the Release Require Remediation?

Yes

Latitude of Spill or Release: (Decimal)

32.753918

Longitude of Spill or Release: (Decimal)

-103.759621

Name of Person Reporting Event:

Will White.

Cause of the Event:

a leak on the Bulldog 12" steel line from external and internal corrosion.

Actions Taken to Correct Release Event:

Line isolated per LOTO and blown down.

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

DEFINITIONS

Action 349829

DEFINITIONS

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 349829
	Action Type: [C-129] Venting and/or Flaring (C-129)

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: • this application's operator, hereinafter "this operator"; • venting and/or flaring, hereinafter "vent or flare"; • any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms"; • the statements in (and/or attached to) this, hereinafter "the statements in this"; • and the past tense will be used in lieu of mixed past/present tense questions and statements.
--

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 349829

QUESTIONS

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 349829
	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	Unavailable.
Incident Facility	[fAPP2123229442] Frontier Field Services Gathering System

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, 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 at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this vent or flare 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 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	74
Nitrogen (N2) percentage, if greater than one percent	4
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) percentage, if greater than one percent	1
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 Sufide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (C02) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

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, Page 2

Action 349829

QUESTIONS (continued)

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 349829
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	05/31/2024
Time vent or flare was discovered or commenced	07:30 AM
Time vent or flare was terminated	03:30 PM
Cumulative hours during this event	8

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Corrosion Pipeline (Any) Natural Gas Vented Released: 78 Mcf Recovered: 0 Mcf Lost: 78 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 this vent or flare a result of downstream activity	No
Was notification of downstream activity received by this operator	Not answered.
Downstream OGRID that should have notified this operator	Not answered.
Date notified of downstream activity requiring this vent or flare	Not answered.
Time notified of downstream activity requiring this vent or flare	Not answered.

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.	True
Please explain reason for why this event was beyond this operator's control	internal corrosion caused pipeline leak
Steps taken to limit the duration and magnitude of vent or flare	once discovered pipeline operators clamped the line.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	once discovered pipeline operators clamped the line.

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

ACKNOWLEDGMENTS

Action 349829

ACKNOWLEDGMENTS

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 349829
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

☒	I acknowledge that I am authorized to submit a <i>Venting and/or Flaring</i> (C-129) report on behalf of this operator and understand that this report can be a complete C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
☒	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to this operator) to track any C-129 forms, pursuant to 19.15.27.7 and 19.15.28.8 NMAC and understand that this submission meets the notification requirements of Paragraph (1) of Subsection G and F respectively.
☒	I hereby certify the statements in this 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.
☒	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.
☒	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.

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

CONDITIONS

Action 349829

CONDITIONS

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 349829
	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.	5/31/2024